

Datasheet for ABIN6719596  
**anti-EGFL6 antibody (AA 354-535)**



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## Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 100 µg                               |
| Target:              | EGFL6                                |
| Binding Specificity: | AA 354-535                           |
| Reactivity:          | Human, Mouse, Rat                    |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This EGFL6 antibody is un-conjugated |
| Application:         | ELISA, Western Blotting (WB)         |

## Product Details

|                             |                                                                                                                                                                                                                                                                                                                                                                                                               |
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| Purpose:                    | Anti-EGFL6 Antibody Picoband®                                                                                                                                                                                                                                                                                                                                                                                 |
| Immunogen:                  | E.coli-derived human EGFL6 recombinant protein (Position: K354-D535).                                                                                                                                                                                                                                                                                                                                         |
| Isotype:                    | IgG                                                                                                                                                                                                                                                                                                                                                                                                           |
| Cross-Reactivity (Details): | No cross-reactivity with other proteins.                                                                                                                                                                                                                                                                                                                                                                      |
| Characteristics:            | Anti-EGFL6 Antibody Picoband® (ABIN6719596). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance. |
| Purification:               | Immunogen affinity purified.                                                                                                                                                                                                                                                                                                                                                                                  |

## Target Details

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| Target:           | EGFL6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Alternative Name: | EGFL6 ( <a href="#">EGFL6 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Background:       | <p>Synonyms: Epidermal growth factor-like protein 6, EGF-like protein 6, MAM and EGF domains-containing gene protein, EGFL6, MAEG, PP648, UNQ281/PRO320</p> <p>Tissue Specificity: Ubiquitous.</p> <p>Background: EGFL6 is a member of the epidermal growth factor (EGF) repeat superfamily. Members of this superfamily are characterized by the presence of EGF-like repeats and are often involved in the regulation of cell cycle, proliferation, and developmental processes. The gene product contains a signal peptide, suggesting that it is secreted, an EGF repeat region consisting of 4 complete EGF-like repeats and 1 partial EGF-like repeat, 3 of which have a calcium-binding consensus sequence, an arg-gly-asp integrin association motif, and a MAM domain, which is believed to have an adhesive function. This gene is expressed early during development, and its expression has been detected in lung and meningioma tumors.</p> |
| Molecular Weight: | 62 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene ID:          | 25975                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Application Details

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| Application Notes: | <p>Western blot, 0.1-0.5 µg/mL</p> <p>ELISA, 0.1-0.5 µg/mL</p> <p>1. Buchner, G., Orfanelli, U., Quaderi, N., Bassi, M. T., Andolfi, G., Ballabio, A., Franco, B. Identification of a new EGF-repeat-containing gene from human Xp22: a candidate for developmental disorders. Genomics 65: 16-23, 2000. 2. Yeung, G., Mulero, J. J., Berntsen, R. P., Loeb, D. B., Drmanac, R., Ford, J. E. Cloning of a novel epidermal growth factor repeat containing gene EGFL6: expressed in tumor and fetal tissues. Genomics 62: 304-307, 1999.</p> |
| Comment:           | Tested Species: In-house tested species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.                                                                                                                                                                                                                                                                                                                                                                                |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## Handling

|                 |                                                                        |
|-----------------|------------------------------------------------------------------------|
| Format:         | Lyophilized                                                            |
| Reconstitution: | Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL. |
| Concentration:  | 500 µg/mL                                                              |

## Handling

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|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Buffer:            | Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05 mg Sodium azide.                                                                                          |
| Preservative:      | Sodium azide                                                                                                                                                                                             |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                                                                   |
| Storage:           | 4 °C, -20 °C                                                                                                                                                                                             |
| Storage Comment:   | Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.<br>It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles. |