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Datasheet for ABIN7430306 anti-Amphiregulin antibody (AA 94-191)







Overview

| Quantity: | 100 µL |
|----------------------|---|
| Target: | Amphiregulin (AREG) |
| Binding Specificity: | AA 94-191 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Amphiregulin antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

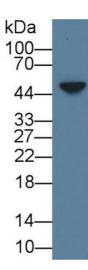
| Purpose: | Polyclonal Antibody to Amphiregulin (AREG) |
|----------------|--|
| Immunogen: | Recombinant Amphiregulin (AREG) corresdonding to Ser94~Lys191 with N-terminal His Tag |
| lsotype: | lgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against AREG. It has been selected for its ability to recognize AREG in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |
| Target Details | |

Target:

Amphiregulin (AREG)

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| Target Details | |
|---------------------|--|
| Alternative Name: | Amphiregulin (AREG Products) |
| Background: | AR, CRDGF, SDGF, Colorectum Cell-Derived Growth Factor, Schwannoma-Derived Growth Factor |
| Pathways: | RTK Signaling, EGFR Signaling Pathway |
| Application Details | |
| Application Notes: | Western blotting: 0.5-2 µg/mL |
| | 1:300-1200 Immunohistochemistry: 5-20 µg/mL |
| | 1:30-120 Immunocytochemistry: 5-20 µg/mL |
| | 1:30-120 Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated |
| | thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious |
| | degradation and precipitation were observed. The loss rate is less than 5% within the expiration |
| | date under appropriate storage condition. |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Buffer: | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. |
| 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 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without |
| | detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



Western Blotting

Image 1. Detection of AREG in Mouse Skin lysate using Polyclonal Antibody to Amphiregulin (AREG)

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