

Datasheet for ABIN5675596

**anti-FGD3 antibody (AA 501-600) (HRP)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                           |
| Target:              | FGD3                                                                                                                                             |
| Binding Specificity: | AA 501-600                                                                                                                                       |
| Reactivity:          | Human                                                                                                                                            |
| Host:                | Rabbit                                                                                                                                           |
| Clonality:           | Polyclonal                                                                                                                                       |
| Conjugate:           | This FGD3 antibody is conjugated to HRP                                                                                                          |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)),<br>Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human FGD3 |
| Isotype:              | IgG                                                      |
| Cross-Reactivity:     | Human                                                    |
| Predicted Reactivity: | Mouse,Rat                                                |
| Purification:         | Purified by Protein A.                                   |

## Target Details

|                   |                                        |
|-------------------|----------------------------------------|
| Target:           | FGD3                                   |
| Alternative Name: | FGD3 ( <a href="#">FGD3 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                 |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: FYVE, RhoGEF and PH domain-containing protein 3, FGD3, Zinc finger FYVE domain-containing protein 5, ZFYVE5<br>Background: Promotes the formation of filopodia. May activate CDC42, a member of the Ras-like family of Rho- and Rac proteins, by exchanging bound GDP for free GTP. Plays a role in regulating the actin cytoskeleton and cell shape. |
| Gene ID:    | 89846                                                                                                                                                                                                                                                                                                                                                           |
| UniProt:    | <a href="#">Q5JSP0</a>                                                                                                                                                                                                                                                                                                                                          |

## Application Details

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Application Notes: | WB 1:300-5000<br>IHC-P 1:200-400<br>IHC-F 1:100-500 |
| Restrictions:      | For Research Use only                               |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |