

Datasheet for ABIN5674957

## **anti-GPR172A antibody (AA 101-200) (HRP)**



[Go to Product page](#)

### Overview

|                      |                                                                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                           |
| Target:              | GPR172A                                                                                                                                          |
| Binding Specificity: | AA 101-200                                                                                                                                       |
| Reactivity:          | Mouse, Rat                                                                                                                                       |
| Host:                | Rabbit                                                                                                                                           |
| Clonality:           | Polyclonal                                                                                                                                       |
| Conjugate:           | This GPR172A antibody is conjugated to HRP                                                                                                       |
| Application:         | ELISA, Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro)),<br>Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

### Product Details

|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human GPR172A |
| Isotype:              | IgG                                                         |
| Cross-Reactivity:     | Mouse, Rat                                                  |
| Predicted Reactivity: | Human,Dog,Cow,Pig,Horse                                     |
| Purification:         | Purified by Protein A.                                      |

### Target Details

|                   |                                              |
|-------------------|----------------------------------------------|
| Target:           | GPR172A                                      |
| Alternative Name: | GPR172A ( <a href="#">GPR172A Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>Synonyms: GPR172A, hRFT3, PAR1, PERV-A receptor 1, Porcine endogenous retrovirus A receptor 1, Protein GPR172A, RFT3, RFT3_HUMAN, Riboflavin transporter 3.</p> <p>Background: Riboflavin transporter. Riboflavin transport is Na(+)-independent but moderately pH -sensitive. Activity is strongly inhibited by riboflavin analogs, such as lumiflavin. Weakly inhibited by flavin adenine dinucleotide (FAD) and flavin mononucleotide (FMN). In case of infection by retroviruses, acts as a cell receptor to retroviral envelopes similar to the porcine endogenous retrovirus (PERV-A).</p> |
| Gene ID:    | 79581                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UniProt:    | <a href="#">Q9HAB3</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Pathways:   | <a href="#">Nuclear Receptor Transcription Pathway</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</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                                                                                                          |