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Datasheet for ABIN2173122

**anti-Claudin 12 antibody (AA 32-87) (HRP)**

## Overview

|                      |                                                                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                           |
| Target:              | Claudin 12 (CLDN12)                                                                                                                              |
| Binding Specificity: | AA 32-87                                                                                                                                         |
| Reactivity:          | Mouse, Rat                                                                                                                                       |
| Host:                | Rabbit                                                                                                                                           |
| Clonality:           | Polyclonal                                                                                                                                       |
| Conjugate:           | This Claudin 12 antibody is conjugated to HRP                                                                                                    |
| Application:         | ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),<br>Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

|                       |                                                                |
|-----------------------|----------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Claudin 12 |
| Isotype:              | IgG                                                            |
| Cross-Reactivity:     | Mouse, Rat                                                     |
| Predicted Reactivity: | Human,Dog,Cow,Pig,Horse                                        |
| Purification:         | Purified by Protein A.                                         |

## Target Details

|                   |                                                |
|-------------------|------------------------------------------------|
| Target:           | Claudin 12 (CLDN12)                            |
| Alternative Name: | Claudin 12 ( <a href="#">CLDN12 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                        |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: Claudin-12, CLDN12<br>Background: Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity. |
| Gene ID:    | 9069                                                                                                                                                                                   |
| UniProt:    | <a href="#">P56749</a>                                                                                                                                                                 |
| Pathways:   | <a href="#">Cell-Cell Junction Organization</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. |
| Handling Advice:   | Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.               |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |