

Datasheet for ABIN1386087  
**anti-DISP2 antibody (AA 1101-1200)**[Go to Product page](#)

## 1 Image

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | DISP2  |
| Binding Specificity: | AA 1101-1200   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This DISP2 antibody is un-conjugated   |
| Application:         | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC) |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human DISP2 |
| Isotype:              | IgG   |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Cow,Pig,Horse                         |
| Purification:         | Purified by Protein A.                                    |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | DISP2                                    |
| Alternative Name: | DISP2 ( <a href="#">DISP2 Products</a> ) |

## Target Details

|             |   |
|-------------|---|
| Background: | <p>Synonyms: DISPB, HsT16908, Protein dispatched homolog 2, DISP2, KIAA1742</p> <p>Background: DISP2 is the second of three known homologs of the D.melanogaster protein Dispatched. It is a multitransmembrane protein containing two PTCH/DISP domains and is thought to be involved in the release of lipid-anchored Hedgehog from producing cells. Hedgehog is a major player in signaling pathways during embryogenesis, tissue regeneration, and carcinogenesis and the DISP proteins have been implicated in these pathways. Recently, it has been shown that DISP2 is translationally regulated by the microRNA miR-214 in zebrafish. Expression of this miRNA decreased DISP2 promoter activity in vitro and its overexpression in zebrafish resulted in a phenotype identical to that observed by DISP2 mutants. At least two isoforms of DISP2 are known to exist.</p> |
| Gene ID:    | 85455   |
| UniProt:    | <a href="#">A7MBM2</a>  |
| Pathways:   | <a href="#">Hedgehog Signaling</a>  |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> <p>ICC 1:100-500</p> |
| Restrictions:      | For Research Use only  |

## Handling

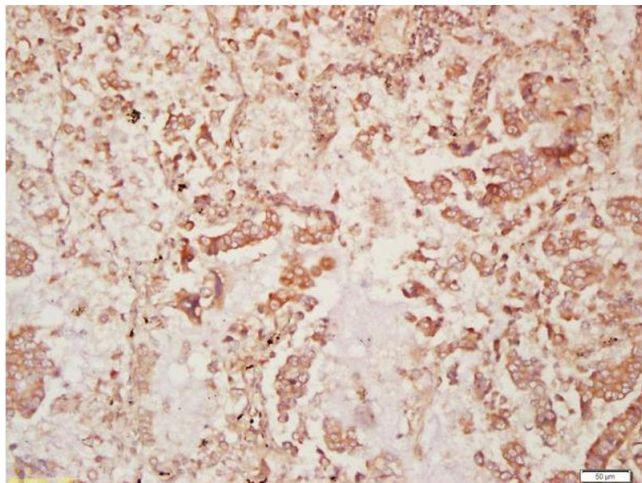
|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 µg/µL  |
| Buffer:            | 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.  |
| Preservative:      | ProClin  |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | 4 °C,-20 °C  |

## Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

## Images



### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded human lung carcinoma labeled with Anti-DISP2 Polyclonal Antibody, Unconjugated (ABIN1386087) at 1:200 followed by conjugation to the secondary antibody and DAB staining