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Datasheet for ABIN2812400

anti-DISP2 antibody (AA 1101-1200) (Alexa Fluor 594)

Overview

Quantity:	100 µL
Target:	DISP2
Binding Specificity:	AA 1101-1200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DISP2 antibody is conjugated to Alexa Fluor 594
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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 (DISP2 Products)
Background:	Synonyms: DISPB, HsT16908, Protein dispatched homolog 2, DISP2, KIAA1742

Target Details

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.

Gene ID: 85455

UniProt: [A7MBM2](#)

Pathways: [Hedgehog Signaling](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

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