Datasheet for ABIN1410052 anti-DISP2 antibody (AA 1101-1200) (Cy5)

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Overview

Quantity:	100 µL
Target:	DISP2
Binding Specificity:	AA 1101-1200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DISP2 antibody is conjugated to Cy5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DISP2
lsotype:	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

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	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.
0	
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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