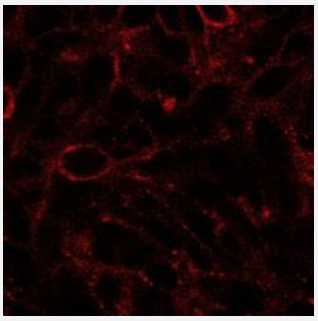
DISP1 polyclonal antibody

Catalog # PAB6595 Size 100 ug

Applications



Immunofluorescence

DISP1 polyclonal antibody (Cat # PAB6595) (2.5 ug/mL) staining of U87 MG. Detected by immunofluorescence. Data provided by Dr. Aashir Awan, University of Madrid, Spain.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of DISP1.
Immunogen	A synthetic peptide corresponding to human DISP1.
Sequence	C-SELSGESLLIKTL
Host	Goat
Theoretical MW (kDa)	171
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — DISP1

Entrez GeneID	84976
Protein Accession#	NP_116279
Gene Name	DISP1
Gene Alias	DISPA, DKFZp434I0428, FLJ43740, MGC104180, MGC13130, MGC16796
Gene Description	dispatched homolog 1 (Drosophila)
Omim ID	607502
Gene Ontology	Hyperlink
Gene Summary	The pattern of cellular proliferation and differentiation that leads to normal development of embryo nic structures often depends upon the localized production of secreted protein signals. Cells surro unding the source of a particular signal respond in a graded manner according to the effective co ncentration of the signal, and this response produces the pattern of cell types constituting the matu re structure. A novel segment-polarity gene known as dispatched has been identified in Drosophil a and its protein product is required for normal Hedgehog (Hh) signaling. This gene is one of two human homologs of Drosophila dispatched and, based on sequence identity to its mouse counter part, the encoded protein may play an essential role in Hh patterning activities in the early embryo. [provided by RefSeq
Other Designations	OTTHUMP00000036011|dispatched A

Publication Reference

- Dispatched, a novel sterol-sensing domain protein dedicated to the release of cholesterol-modified hedgehog from signaling cells.

  Burke R, Nellen D, Bellotto M, Hafen E, Senti KA, Dickson BJ, Basler K.

  Cell 1999 Dec; 99(7):803.

Disease

- Tobacco Use Disorder