



DISP2 blocking peptide (CDBP5385)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The pattern of cellular proliferation and differentiation that leads to normal development of embryonic structures often depends upon the localized production of secreted protein signals. Cells surrounding the source of a particular signal respond in a graded manner according to the effective concentration of the signal, and this response produces the pattern of cell types constituting the mature structure. A segment-polarity gene known as <i>dispatched</i> has been identified in <i>Drosophila</i> and its protein product is required for normal Hedgehog (Hh) signaling. This gene is one of two human homologs of <i>Drosophila</i> <i>dispatched</i> . [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	DISP2 dispatched homolog 2 (Drosophila) [Homo sapiens (human)]
Official Symbol	DISP2
Synonyms	DISP2; dispatched homolog 2 (Drosophila); DISPB; HsT16908; protein dispatched homolog 2; dispatched B

Entrez Gene ID	85455
mRNA Refseq	NM_033510
Protein Refseq	NP_277045
UniProt ID	A7MBM2
Pathway	Disease; Hedgehog ligand biogenesis; Processing-defective Hh variants abrogate ligand secretion; Release of Hh-Np from the secreting cell; Signal Transduction; Signaling by Hedgehog
Function	molecular_function
