DISP1 Polyclonal Antibody

Catalog No	YP-Ab-07215
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	DISP1 DISPA
Immunogen	Synthesized peptide derived from human protein . at AA range: 270-350
Specificity	DISP1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DISP1;DISPA;Protein dispatched homolog 1;DISP1 DISPA
Observed Band	150-171 kDa
Calculated Molecular Weight	1524 aa, 171 kDa
Cell Pathway	Membrane ; Multi-pass membrane protein .
Tissue Specificity	Colon,Kidney,Kidney epithelium,Muscle,Placenta,Testis,
Function	function:Functions in hedgehog (Hh) signaling. Regulates the release and extracellular accumulation of cholesterol-modified hedgehog proteins and is hence required for effective production of the Hh signal.,sequence caution:Contaminating sequence. Potential poly-A sequence.,similarity:Belongs to the dispatched family.,similarity:Contains 1 SSD (sterol-sensing) domain.,
Background	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 novel segment-polarity gene known as

	dispatched has been identified in Drosophila 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 counterpart, the encoded protein may play an essential role in Hh patterning activities in the early embryo. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images