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[Primary Antibody]

Rabbit Anti-Dispatched antibody

Catalog Number: SL11549R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Dispatched
Immunogen:	KLH conjugated synthetic peptide derived from human Dispatched: 301-400/1524
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Chicken, Dog, Horse, Rabbit, Sheep)
Predicted MW.:	171kDa
Subcellular Location:	The cell membrane
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

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	counterpart, the encoded protein may play an essential role in Hh patterning activities in the early embryo. [provided by RefSeq, Jul 2008] **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 **Subcellular Location:** Membrane; Multi-pass membrane protein **Similarity:** Belongs to the dispatched family. Contains 1 SSD (sterol-sensing) domain. **Database links:** **Entrez Gene:** 84976 Human **Entrez Gene:** 68897 Mouse Omim: 607502 Human **SwissProt:** Q96F81 Human **SwissProt:** Q3TDN0 Mouse **Unigene:** 528817 Human **Unigene:** 358721 Mouse

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