

Product datasheet for **TA305822**

Dispatched (DISP1) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF
Recommended Dilution:	IF: 2.5ug/ml.
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat, Pig)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-SELSGESLLIKTL, from the C Terminus of the protein sequence according to NP_116279.2.
Formulation:	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	dispatched RND transporter family member 1
Database Link:	NP_116279 Entrez Gene 68897 Mouse Entrez Gene 289338 Rat Entrez Gene 84976 Human Q96F81



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Background:

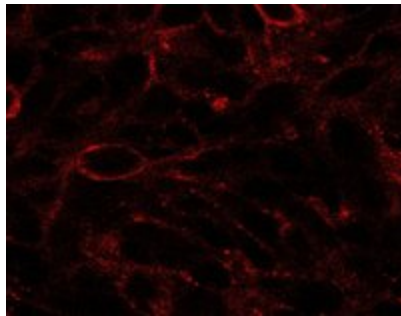
The pattern of cellular proliferation and differentiation that leads to normal development of embryonic structures often depends upon the localized production of secreted protein signals. Cells surrounding the source of a particular signal respond in a graded manner according to the effective concentration 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].
COMPLETENESS: complete on the 3' end.

Synonyms:

DISPA

Protein Families:

Transmembrane

Product images:


TA305822 (2.5ug/ml) staining of U87. Detected by immunofluorescence.