

# **Product datasheet for TA305822**

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## **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 MouseEntrez Gene 289338 RatEntrez Gene 84976 Human

Q96F81





### Dispatched (DISP1) Goat Polyclonal Antibody - TA305822

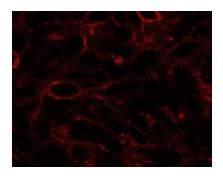
Background:

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.