

**DISP1 rabbit pAb****Cat#: orb774177 (Manual)**

For research use only. Not intended for diagnostic use.

|                                 |                                                                                                                       |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Product Name</b>             | DISP1 rabbit pAb                                                                                                      |
| <b>Host species</b>             | Rabbit                                                                                                                |
| <b>Applications</b>             | WB;ELISA                                                                                                              |
| <b>Species Cross-Reactivity</b> | Human;Mouse                                                                                                           |
| <b>Recommended dilutions</b>    | WB 1:500-2000 ELISA 1:5000-20000                                                                                      |
| <b>Immunogen</b>                | Synthesized peptide derived from human protein . at AA range: 270-350                                                 |
| <b>Specificity</b>              | DISP1 Polyclonal Antibody detects endogenous levels of protein.                                                       |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide..                                                       |
| <b>Storage</b>                  | Store at -20°C. Avoid repeated freeze-thaw cycles.                                                                    |
| <b>Protein Name</b>             | Protein dispatched homolog 1                                                                                          |
| <b>Gene Name</b>                | DISP1 DISPA                                                                                                           |
| <b>Cellular localization</b>    | Membrane ; Multi-pass membrane protein .                                                                              |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Clonality</b>                | Polyclonal                                                                                                            |

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| <b>Concentration</b> | 1 mg/ml |
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| <b>Observed band</b> | 167kD |
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| <b>Human Gene ID</b> | 84976 |
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| <b>Human Swiss-Prot Number</b> | Q96F81 |
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| <b>Alternative Names</b> |  |
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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, Jul 2008],