

DISP1 Rabbit pAb

Catalog No.: A14946

Basic Information

Observed MW

180kDa

Calculated MW

171kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

84976

Swiss Prot

Q96F81

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1325-1524 of human DISP1 (NP_116279.2).

Synonyms

DISPA; DISP1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

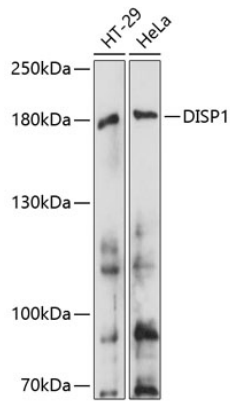
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using DISP1 Rabbit pAb (A14946) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.