
Disp2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253976

Unit: 0.1 mg

Description:

Disp2 is the second of three known homologs of the D. melanogaster protein Dispatched. It is a multi-transmembrane protein containing two PTCH/DISP domains and is thought to be involved in the release of lipid-anchored Hedgehog from producing cells. Hedgehog is a major player in signaling pathways during embryogenesis, tissue regeneration, and carcinogenesis and the Disp proteins have been implicated in these pathways. Recently, it has been shown that Disp2 is translationally regulated by the microRNA miR-214 in zebrafish. Expression of this miRNA decreased Disp2 promoter activity in vitro and its overexpression in zebrafish resulted in a phenotype identical to that observed by Disp2 mutants. At least two isoforms of Disp2 are known to exist. This Disp2 antibody is predicted to not cross-react with Disp1 or Disp3.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Disp2 ; Dispatched homolog 2; DISPB

Accession No.: A7MBM2

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human Disp2.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.