BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Protein dispatched homolog 2 Disp2 Antibody

Catalog Number: A14691

About DISP2

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.

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Overview

Product Name	Anti-Protein dispatched homolog 2 Disp2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Protein dispatched homolog 2 Disp2 Antibody (Catalog # A14691). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	Disp2 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	Disp2 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	A7MBM2

Technical Details

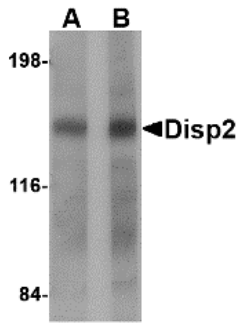
Immunogen	Disp2 antibody was raised against a 19 amino acid synthetic peptide from near the carboxy terminus of human Disp2. The immunogen is located within amino acids 1210 - 1260 of Disp2.
Predicted Reactive Species	Bovine

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Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	Disp2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	Disp2 antibody can be used for the detection of Disp2 by Western blot at 1 - 2 ug/mL. Antibody validated: Western Blot in rat samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-Protein dispatched homolog 2 Disp2 Antibody (A14691) Images



Western blot analysis of Disp2 in rat brain tissue lysate with Disp2 antibody at (A) 1 and (B) 2 ug/mL.

Anti-Protein dispatched homolog 2 Disp2 Antibody

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