

Anti-Protein Hook homolog 3 HOOK3 Antibody

Catalog Number: A07701

About HOOK3

The HOOK proteins (HOOK1, HOOK2 and HOOK3) comprise a family of cytosolic coiled-coil proteins that contain conserved N-terminal domains, which attach to microtubules mediating the spatial organization of diverse membrane-trafficking systems; their more divergent C-terminal domains mediate binding to organelles (1,2). HOOK3 exists as a homodimer and participates in defining the architecture and localization of the Golgi complex through its central coiled-coil domain (3). HOOK3 may regulate clearance of endocytosed receptors such as MSR1 (3,4).

Overview

Product Name	Anti-Protein Hook homolog 3 HOOK3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Protein Hook homolog 3 HOOK3 Antibody (Catalog # A07701). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	HOOK3 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	HOOK3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q86VS8

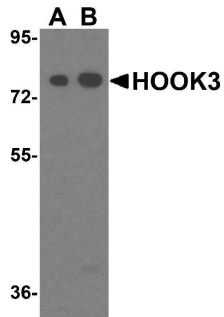
Technical Details

Immunogen	HOOK3 antibody was raised against a 19 amino acid peptide from near the amino terminus of human HOOK3. The immunogen is located within amino acids 210 - 260 of HOOK3.
Predicted Reactive Species	Mouse
Cross Reactivity	HOOK3 antibody is human, mouse and rat reactive. HOOK3 antibody is predicted to not cross-react with HOOK1 and HOOK2.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	HOOK3 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	HOOK3 antibody can be used for the detection of HOOK3 by Western blot at 1 - 2 ug/mL. Antibody

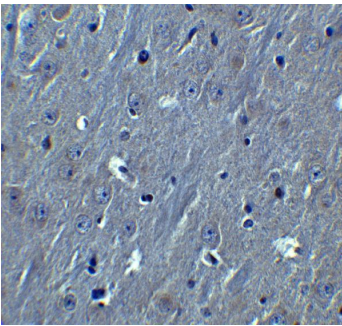
can also be used for immunohistochemistry at 10 ug/ml.

Antibody validated: Western Blot in mouse samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

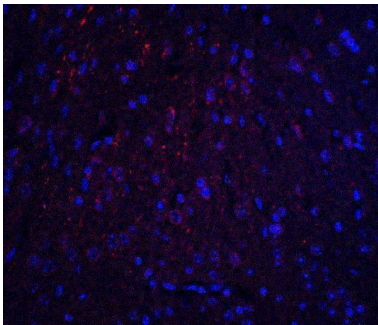
Anti-Protein Hook homolog 3 HOOK3 Antibody (A07701) Images



Western blot analysis of HOOK3 in mouse brain tissue lysate with HOOK3 antibody at 1 ug/ml.



Immunohistochemistry of HOOK3 in mouse brain tissue with HOOK3 antibody at 10 ug/ml.



Immunofluorescence of HOOK3 in mouse brain tissue with HOOK3 antibody at 20 ug/ml. Red: HOOK3 Antibody (A07701) Blue: DAPI staining

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Anti-Protein Hook homolog 3 HOOK3 Antibody

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