

Product datasheet for TA355011

HOOK3 Rabbit Polyclonal Antibody

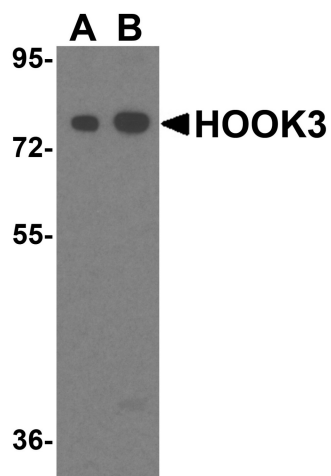
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1-2µg/mL.IHC: 10µg/ml.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
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.
Formulation:	HOOK3 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	HOOK3 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 79 kDa; Observed: 77 kDa
Gene Name:	hook microtubule-tethering protein 3
Database Link:	NP_115786 Entrez Gene 84376 Human Q86VS8
Background:	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).
Synonyms:	FLJ31058; hHK3; HK3

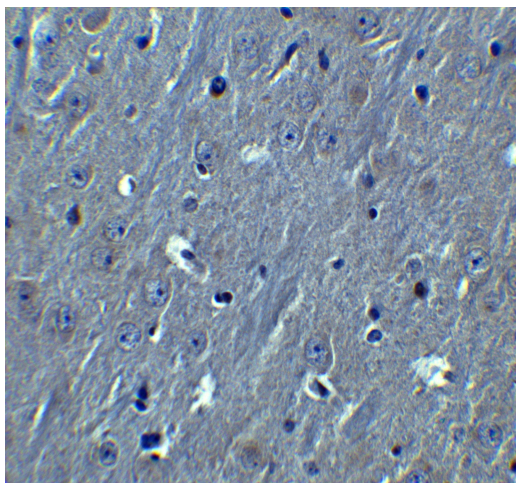

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Note: HOOK3 antibody can be used for the detection of HOOK3 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry at 10 µg/mL.

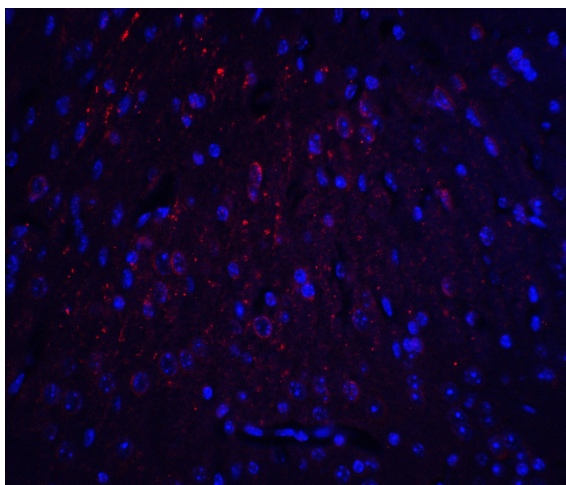
Product images:



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



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



Immunofluorescence of HOOK3 in mouse brain tissue with HOOK3 antibody at 20ug/ml.