

Anti-Shank3 Antibody

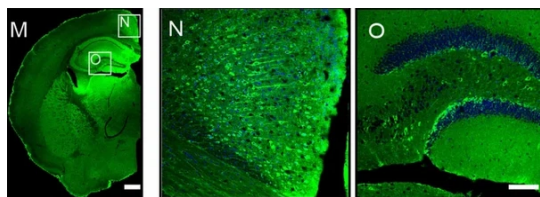


Product Details

Available Variants	100 µL (SKU:75-344)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	N367/62
Gene Name	Shank3 Prosap2
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ELISA, ICC, IHC, IP, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Mouse, Rat
Immunogen	Fusion protein amino acids 538-626 (SH3 domain) of rat Shank3 (accession number Q9JLU4) produced recombinantly in E. Coli
Specificity	Does not cross-react with Shank1 or Shank2
Molecular Weight	190 kDa
Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.

Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_2315921
UniProt ID	Q9JLU4
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

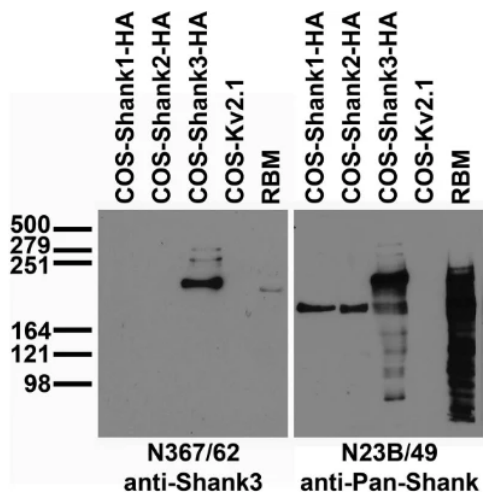
Product Images



Distribution of SHANK3 immuno-positive cells in different regions of the adult mouse cerebral cortex. N, O: High-magnification views of SHANK3-positive cells in the RSPV region (N) and hippocampal region (O) as shown in image M. Green, SHANK3-positive cells (Cat. 75-344, 1:200); blue, cell nuclei. Scale bars, 300 μm (M); 100 μm (N, O). Image from publication, CC-BY-4.0. [PMID: 39693031](#).



Adult rat hippocampus immunohistochemistry (with antigen retrieval via sodium citrate pretreatment).



Adult rat brain membrane (RBM) and transfected cell immunoblot: extracts of RBM and COS cells transiently transfected with HA-tagged Shank1, Shank2, Shank3 or untagged Kv2.1 plasmid and probed with N367/62 (left) or N23B/49 (right) TC supe.

Product Page URL: www.antibodiesinc.com/products/anti-shank3-antibody-n367-62-75-344



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