

Anti-Neuroigin-1 Antibody

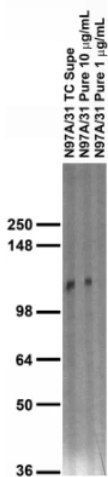


Product Details

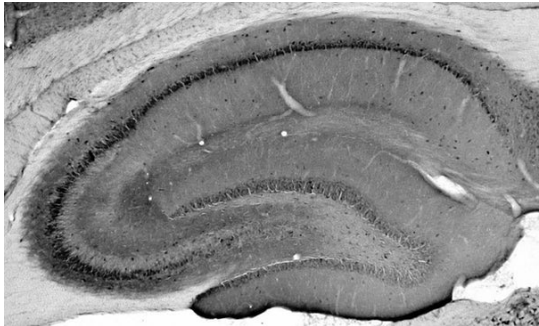
Available Variants	100 µL (SKU:75-160) 20 µL (SKU:75-160-020)
Conjugate	Unconjugated
Isotype	IgG1
Clone	N97A/31
Gene Name	Nlgn1
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.86
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, WB
Dilution Ranges	WB: 1:1000 IHC: 1:500 ICC: 1:500
Species Reactivity	Chicken, Mouse, Rat
Immunogen	Fusion protein amino acids 718-843 (intracellular C-terminus) of rat Neuroigin-1 (accession number NP_446320) produced recombinantly in E. Coli
Specificity	Does not cross-react with Neuroigin-2, -3, -4 or -4*
Molecular Weight	120 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_2235964
UniProt ID	Q62765
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.

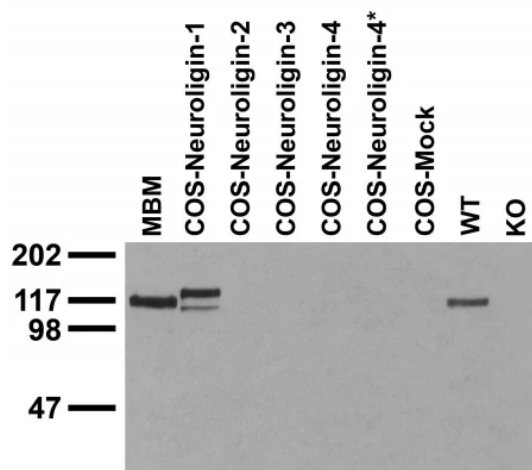
Product Images



Adult rat brain membrane immunoblot.



Adult rat hippocampus immunohistochemistry.



Immunoblot against crude membranes from adult mouse brain (MBM), extracts of COS cells transiently transfected with Neuroigin-1, -2, -3, -4 or -4* plasmid and extracts of brains from wild-type (WT) and Neuroigin-1 knockout (KO) mice probed with N97A/31 TC supe. Data courtesy of Marc Bolliger and Tom Sudhof (Stanford).

Product Page URL: www.antibodiesinc.com/products/anti-neuroigin-1-antibody-n97a-31-75-160



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