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Datasheet for ABIN6144652
anti-Neuroigin Y antibody (AA 122-256)

2 Images

Overview

Quantity:	100 µL
Target:	Neuroigin Y (NLGN4Y)
Binding Specificity:	AA 122-256
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neuroigin Y antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 122-256 of human NLGN4Y (NP_001157710.1).
Sequence:	DMLPIWFTTS LDTLMTYVQD QNEDCLYLNI YVPMEDGTNI KRNADDITSN DHGEDKDIHE QNSKKPVMVY IHGGSYMEGT GNMIDGSILA SYGNVIVITI NYRLGILGMQ EARLCGSSKM FNYFKSPFTN LINFF
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	Neuroigin Y (NLGN4Y)
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Target Details

Alternative Name: [NLGN4Y \(NLGN4Y Products\)](#)

Background: This gene encodes a type I membrane protein that belongs to the family of neuroligins, which are cell adhesion molecules present at the postsynaptic side of the synapse, and may be essential for the formation of functional synapses. Alternatively spliced transcript variants have been found for this gene.,NLGN4Y,neuroligin-4,Y-linked,Cell Biology & Developmental Biology,Cell Adhesion,Neuroscience,NLGN4Y

Molecular Weight: 15 kDa/28 kDa/72 kDa/92 kDa

Gene ID: 22829

UniProt: [Q8NFZ3](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:100

Comment: HIGH QUALITY

Restrictions: For Research Use only

Handling

Format: Liquid

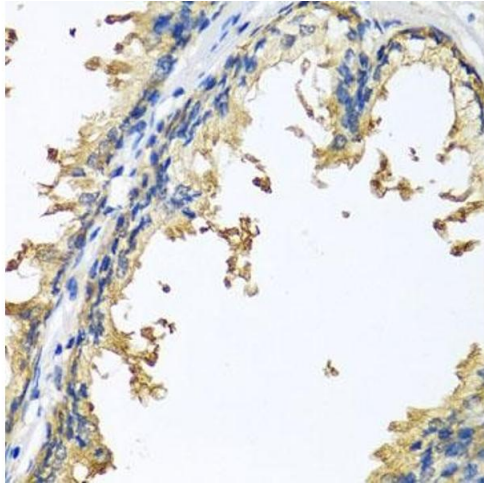
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

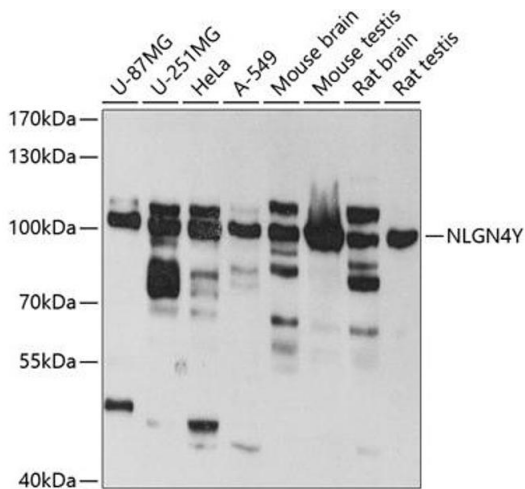
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human prostate using NLGN4Y antibody (ABIN6133011, ABIN6144652, ABIN6144653 and ABIN6220667) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using NLGN4Y antibody (ABIN6133011, ABIN6144652, ABIN6144653 and ABIN6220667) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.