

Anti-SAP102 Picoband Antibody
Catalog # ABO13027**Specification**

Anti-SAP102 Picoband Antibody - Product Information

Application	IHC
Primary Accession	Q92796
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Disks large homolog 3(DLG3) detection. Tested with WB, IHC-P in Human;Mouse;Rat.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-SAP102 Picoband Antibody - Additional Information

Gene ID 1741

Other Names

Disks large homolog 3, Neuroendocrine-DLG, Synapse-associated protein 102, SAP-102, SAP102, XLMR, DLG3, KIAA1232

Calculated MW

90314 MW KDa

Application Details

Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Mouse, Rat, Human, By Heat
 Western blot, 0.1-0.5 µg/ml, Mouse, Rat, Human,

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Na₃.

Immunogen

E. coli-derived human SAP102 recombinant protein (Position: E749-L817). Human SAP102 shares 98.6% amino acid (aa) sequence identity with both mouse and rat SAP102.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins.

Storage

At -20°C for one year. After r°Constitution, at 4°C for one month. It°Can also be aliquotted and stored frozen at -20°C for a

longer time. Avoid repeated freezing and thawing.

Anti-SAP102 Picoband Antibody - Protein Information

Name DLG3

Synonyms KIAA1232

Function

Required for learning most likely through its role in synaptic plasticity following NMDA receptor signaling.

Anti-SAP102 Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-SAP102 Picoband Antibody - Images

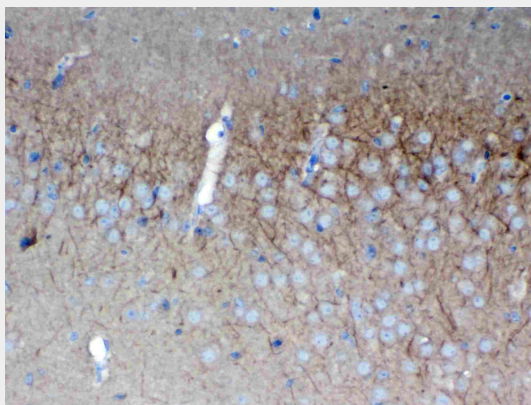
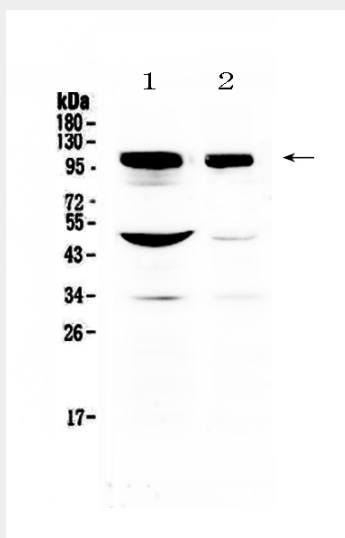
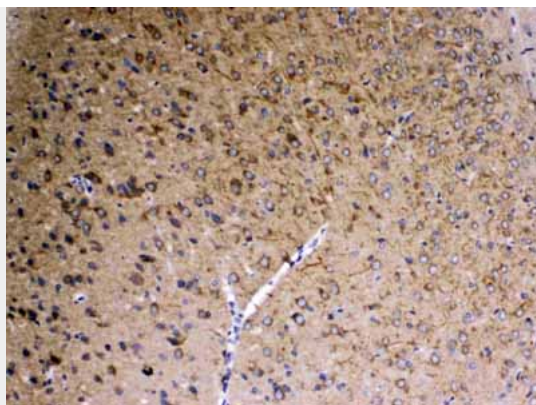


Figure 2. IHC analysis of SAP102 using anti-SAP102 antibody (ABO13027).



Anti-SAP102 Picoband Antibody - Background

Disks large homolog 3 (DLG3) also known as neuroendocrine-DLG or synapse-associated protein 102 (SAP-102) is a protein that in humans is encoded by the DLG3 gene. DLG3 is a member of the membrane-associated guanylate kinase (MAGUK) superfamily of proteins. The encoded protein may play a role in clustering of NMDA receptors at excitatory synapses. It may also negatively regulate cell proliferation through interaction with the C-terminal region of the adenomatosis polyposis coli tumor suppressor protein. Mutations in this gene have been associated with X-linked mental retardation.