10320 Camino Santa Fe, Suite G
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SH3GL2 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21467b

Specification

SH3GL2 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q99962
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**39962**

SH3GL2 Antibody (C-term) - Additional Information

Gene ID 6456

Other Names
Endophilin-A1, EEN-B1, Endophilin-1, SH3 domain protein 2A, SH3 domain-containing GRB2-like protein 2, SH3GL2, CNSA2, SH3D2A

Target/Specificity
This SH3GL2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 245-279 amino acids from the C-terminal region of human SH3GL2.

Dilution
WB~~1:2000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
SH3GL2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SH3GL2 Antibody (C-term) - Protein Information

Name SH3GL2

Synonyms CNSA2, SH3D2A

Function Implicated in synaptic vesicle endocytosis. May recruit other proteins to membranes

with high curvature. Required for BDNF-dependent dendrite outgrowth. Cooperates with SH3GL2 to mediate BDNF-NTRK2 early endocytic trafficking and signaling from early endosomes.

Cellular Location
Cytoplasm {ECO:0000250|UniProtKB:O35179}. Membrane {ECO:0000250|UniProtKB:O35179}; Peripheral membrane protein {ECO:0000250|UniProtKB:O35179}. Early endosome {ECO:0000250|UniProtKB:Q62420}. Presynapse {ECO:0000250|UniProtKB:O35179}

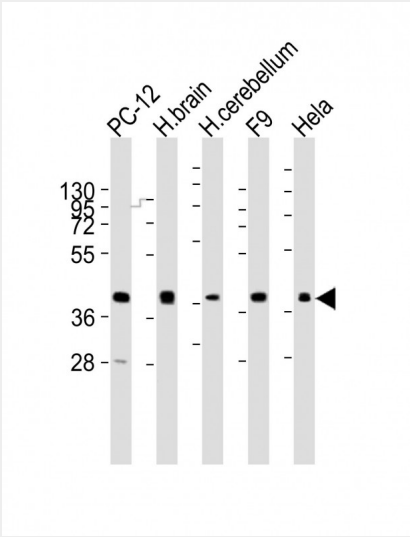
Tissue Location
Brain, mostly in frontal cortex. Expressed at high level in fetal cerebellum

SH3GL2 Antibody (C-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SH3GL2 Antibody (C-term) - Images



All lanes : Anti-SH3GL2 Antibody (C-term) at 1:2000 dilution Lane 1: PC-12 whole cell lysates Lane 2: human brain lysates Lane 3: human cerebellum lysates Lane 4: F9 whole cell lysates Lane 5: Hela whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 40 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

SH3GL2 Antibody (C-term) - Background

Implicated in synaptic vesicle endocytosis. May recruit other proteins to membranes with high curvature.

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SH3GL2 Antibody (C-term) - References

Giachino C.,et al.Genomics 41:427-434(1997).
So C.W.,et al.Submitted (MAR-1998) to the EMBL/GenBank/DDBJ databases.
Halleck A.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).