

**SH3GL2 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI13960**

**Specification**

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**SH3GL2 antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">O99962</a>
Other Accession	<a href="#">NM_003026</a> , <a href="#">NP_003017</a>
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Chicken, Horse, Bovine, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40kDa KDa

**SH3GL2 antibody - N-terminal region - Additional Information**

**Gene ID** 6456

**Alias Symbol** CNSA2, EEN-B1, FLJ20276, FLJ25015, SH3D2A, SH3P4

**Other Names**

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

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-SH3GL2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

SH3GL2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**SH3GL2 antibody - N-terminal region - 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

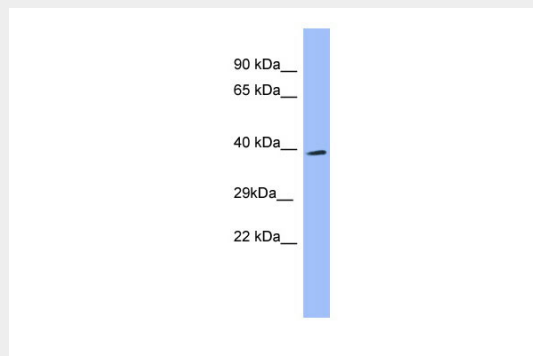
Brain, mostly in frontal cortex. Expressed at high level in fetal cerebellum

### SH3GL2 antibody - N-terminal region - 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](#)

### SH3GL2 antibody - N-terminal region - Images



WB Suggested Anti-SH3GL2 Antibody Titration: 0.2-1 µg/ml  
ELISA Titer: 1:1562500  
Positive Control: Human Placenta

### SH3GL2 antibody - N-terminal region - 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).