

SH3GL1 Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO2218a**Specification****SH3GL1 Antibody - Product Information**

Application	WB, E
Primary Accession	O99961
Reactivity	Human, Rat
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	41.5kDa KDa

Description

This gene encodes a member of the endophilin family of Src homology 3 domain-containing proteins. The encoded protein is involved in endocytosis and may also play a role in the cell cycle. Overexpression of this gene may play a role in leukemogenesis, and the encoded protein has been implicated in acute myeloid leukemia as a fusion partner of the myeloid-lymphoid leukemia protein. Pseudogenes of this gene are located on the long arm of chromosomes 11 and 17. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Immunogen

Purified recombinant fragment of human SH3GL1 (AA: 12-119) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

SH3GL1 Antibody - Additional Information

Gene ID 6455

Other Names

Endophilin-A2, EEN fusion partner of MLL, Endophilin-2, Extra eleven-nineteen leukemia fusion gene protein, EEN, SH3 domain protein 2B, SH3 domain-containing GRB2-like protein 1, SH3GL1, CNSA1, SH3D2B

Dilution

WB~~1/500 - 1/2000

E~~1/10000

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SH3GL1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

SH3GL1 Antibody - Protein Information

Name SH3GL1

Synonyms CNSA1, SH3D2B

Function

Implicated in endocytosis. May recruit other proteins to membranes with high curvature (By similarity).

Cellular Location

Cytoplasm. Early endosome membrane; Peripheral membrane protein. Cell projection, podosome. Note=Associated with postsynaptic endosomes in hippocampal neurons.

Tissue Location

Ubiquitous. Higher expression in pancreas, placenta, prostate, testis and uterus

SH3GL1 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](#)