

# SH3GL1 Antibody

Purified Mouse Monoclonal Antibody

Catalog # AO2218a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q99961</a>
<b>Reactivity</b>	Human, Rat
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Clone Names</b>	4B4C2
<b>Isotype</b>	IgG1
<b>Calculated MW</b>	41490
<b>Description</b>	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.
<b>Immunogen</b>	Purified recombinant fragment of human SH3GL1 (AA: 12-119) expressed in E. Coli.
<b>Formulation</b>	Purified antibody in PBS with 0.05% sodium azide

## Additional Information

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<b>Gene ID</b>	6455
<b>Other Names</b>	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
<b>Dilution</b>	WB~~1/500 - 1/2000 E~~1/10000
<b>Storage</b>	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.
<b>Precautions</b>	SH3GL1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	SH3GL1
<b>Synonyms</b>	CNSA1, SH3D2B
<b>Function</b>	Implicated in endocytosis. May recruit other proteins to membranes with high curvature (By similarity).
<b>Cellular Location</b>	Cytoplasm. Early endosome membrane; Peripheral membrane protein. Cell projection, podosome. Note=Associated with postsynaptic endosomes in hippocampal neurons.
<b>Tissue Location</b>	Ubiquitous. Higher expression in pancreas, placenta, prostate, testis and uterus

## References

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1.J Exp Clin Cancer Res. 2012 Oct 11;31:85.2.Mol Med Rep. 2013 Oct;8(4):1111-7.

## Images

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