

**Endophilin II Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP57649****Specification**

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**Endophilin II Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">Q99961</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Endophilin II
Epitope Specificity	31-130/368
Isotype	IgG
<b>Purity</b>	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm. Early endosome membrane. Associated with postsynaptic endosomes in hippocampal neurons.
SIMILARITY	Belongs to the endophilin family. Contains 1 BAR domain. Contains 1 SH3 domain.
DISEASE	Note=In some cases of acute leukemia, a translocation results in the formation of a MLL-EEN fusion gene.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Background Descriptions**

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. [provided by RefSeq, Jan 2011]

**Endophilin II Polyclonal 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

**Target/Specificity**

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

**Dilution**

<span class = "dilution\_IHC-P">IHC-P~~N/A</span><br \><span class = "dilution\_IHC-F">IHC-F~~N/A</span><br \><span class = "dilution\_IF">IF~~1:50~200</span><br \><span class = "dilution\_ICC">ICC~~N/A</span><br \><span class = "dilution\_E">E~~N/A</span>

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**Endophilin II Polyclonal 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

**Endophilin II Polyclonal 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](#)

**Endophilin II Polyclonal Antibody - Images**