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# SH3GL1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17084b

## Product Information

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| **Application** | WB, E |
| **Primary Accession** | Q99961 |
| **Other Accession** | NP_003016.1 |
| **Reactivity** | Human |
| **Predicted** | Bovine, Canine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB37000 |
| **Calculated MW** | 41490 |
| **Antigen Region** | 242-270 |

## Additional Information

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| **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** | This SH3GL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 242-270 amino acids from the C-terminal region of human SH3GL1. |
| **Dilution** | WB~~1:1000 E~~Use at an assay dependent concentration. |
| **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** | SH3GL1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | SH3GL1 |
| **Synonyms** | CNSA1, SH3D2B |

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| **Function** | Implicated in endocytosis. In a first step mediates neck formation during ultrafast endocytosis and function at a second step to aid in the removal of clathrin coats from the regenerated vesicles (By similarity). 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 |

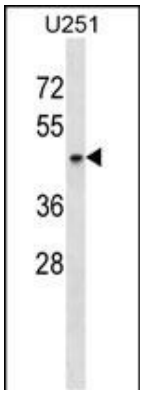
## Background

SH3GL1 is implicated in endocytosis. May recruit other proteins to membranes with high curvature (By similarity).

## References

Venkatesan, K., et al. Nat. Methods 6(1):83-90(2009)
Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)
Ralser, M., et al. Hum. Mol. Genet. 14(19):2893-2909(2005)
Stelzl, U., et al. Cell 122(6):957-968(2005)
Lua, B.L., et al. J. Cell. Sci. 118 (PT 12), 2707-2721 (2005) :

## Images




SH3GL1 Antibody (C-term) (Cat. #AP17084b) western blot analysis in U251 cell line lysates (35ug/lane).This demonstrates the SH3GL1 antibody detected the SH3GL1 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.