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Anti-SH3GL2 Antibody (aa262-274)

Goat Anti Human Polyclonal Antibody
Catalog # ALS17876

Product Information

Application	WB, IHC-P, E
Primary Accession	Q99962
Predicted	Human, Rabbit, Monkey, Horse, Guinea Pig
Host	Goat
Clonality	Polyclonal
Calculated MW	39962
Concentration (mg/ml)	0.5 mg/ml

Additional Information

Gene ID	6456
Alias Symbol	SH3GL2
Other Names	SH3GL2, CNSA2, EEN-B1, Endophilin-A1, SH3D2A, SH3 domain protein 2A, SH3-domain GRB2-like 2, SH3P4, Endophilin A1 BAR domain, Endophilin-1
Target/Specificity	Human SH3GL2.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-SH3GL2 Antibody (aa262-274) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SH3GL2 (HGNC:10831)
Synonyms	CNSA2, SH3D2A
Function	Implicated in endocytosis. Involved ultrafast endocytosis, by mediating, in a first step, neck formation and in a second step, aids in the removal of clathrin coats from the regenerated vesicles. 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

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