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Goat Anti-Endophilin-A1 / SH3GL2 Antibody (internal region), Biotinylated

Catalog # AF4294a

Product Information

Application	WB, E
Primary Accession	Q99962
Other Accession	NP_003017.1, 6456
Reactivity	Human
Predicted	Human, Pig
Host	Goat
Isotype	IgG
Calculated MW	39962

Additional Information

Gene ID	6456
Other Names	Endophilin-A1, EEN-B1, Endophilin-1, SH3 domain protein 2A, SH3 domain-containing GRB2-like protein 2, SH3GL2, CNSA2, SH3D2A
Dilution	WB~~1:1000 E~~N/A
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	Goat Anti-Endophilin-A1 / SH3GL2 Antibody (internal region), Biotinylated is for research use only and not for use in diagnostic or therapeutic procedures.

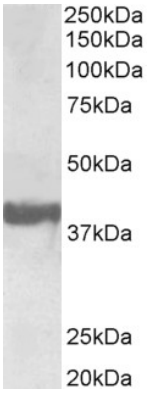
Protein Information

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

Images



Biotinylated AF4294a (0.3 µg/ml) staining of Human Frontal Cortex lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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