

Recombinant Anti-NCS1 Rabbit mAb

Catalog # AP95365

Product Information

Application	WB, IHC, FC
Primary Accession	P62166
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal
Calculated MW	21879

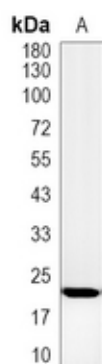
Additional Information

Gene ID	23413
Other Names	FLUP; FREQ; Neuronal calcium sensor 1; NCS-1; Frequenin homolog; Frequenin-like protein; Frequenin-like ubiquitous protein
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human NCS1 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	NCS1
Synonyms	FLUP, FREQ
Function	Neuronal calcium sensor, regulator of G protein-coupled receptor phosphorylation in a calcium dependent manner. Directly regulates GRK1 (RHOK), but not GRK2 to GRK5. Can substitute for calmodulin (By similarity). Stimulates PI4KB kinase activity (By similarity). Involved in long-term synaptic plasticity through its interaction with PICK1 (By similarity). May also play a role in neuron differentiation through inhibition of the activity of N-type voltage- gated calcium channel (By similarity).
Cellular Location	Golgi apparatus. Postsynaptic density. Cytoplasm, perinuclear region. Cytoplasm {ECO:0000250 UniProtKB:P62168}. Cell membrane; Peripheral membrane protein. Membrane {ECO:0000250 UniProtKB:P62168}; Lipid-anchor Note=Associated with Golgi stacks. Post-synaptic densities of dendrites, and in the pre-synaptic nerve terminal at neuromuscular junctions. {ECO:0000305, ECO:0000305 PubMed:17555535}

Images



Western blot analysis of NCS1 expression in HEK293T (A) whole cell lysates. (Predicted band size: 22 kD; Observed band size: 22 kD)

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