



Anti-NCS1 (aa 1-50) polyclonal antibody (DPABH-21762)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Synthetic peptide corresponding to a region within the N terminal amino acids 1-50 (MGKSNSKLKP EVVEELTRKT YFTEKEVQQW YKGFIDKDCPS GQLDAAGFQK) of Human Frequenin (NP_055101).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	50 µg
Buffer	Constituents: 2% Sucrose, PBS
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	NCS1 neuronal calcium sensor 2 [Homo sapiens]
Official Symbol	NCS1
Synonyms	NCS1; neuronal calcium sensor 1; FLUP; FREQ; frequenin homolog; frequenin-like protein; frequenin-like ubiquitous protein;
Entrez Gene ID	23413
Protein Refseq	NP_001122298.1
UniProt ID	P62166
Function	calcium ion binding; magnesium ion binding; protein binding; protein kinase binding