

Rabbit anti-Human, Mouse Neuronal calcium sensor 1 Polyclonal Antibody | anti-NCS1 antibody

Rabbit anti-human Neuronal calcium sensor 1 polyclonal Antibody(NCS1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118712	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

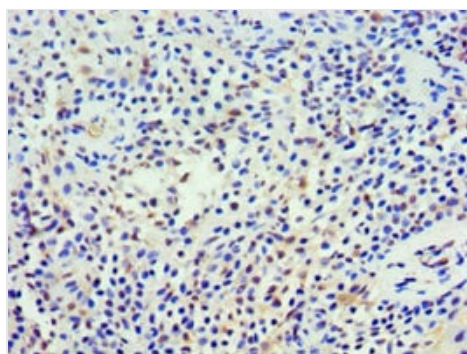
PRODUCT SYNONYMS

Neuronal calcium sensor 1; Polyclonal Antibody; Rabbit anti-human Neuronal calcium sensor 1 polyclonal Antibody(NCS1); NCS-1; Frequenin homolog; Frequenin-like protein; Frequenin-like ubiquitous protein; NCS1; FLUP; FREQ; anti-NCS1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	172
Applicable Applications for anti-NCS1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Neuronal calcium sensor 1 protein (1-190aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-13165 / sc-13167 / sc-13166 / sc-13037
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA118712 at dilution 1:100



WB (Western Blot)

All lanes: Neuronal calcium sensor 1 antibody at 10ug/mL
Lane 1: Hela whole cell lysate
Lane 2: rat kidney tissue
Secondary: Goat polyclonal to rabbit at 1/10000 dilution
Predicted band size: 22, 20 kDa
Observed band size: 22 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-NCS1 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	192447423
NCBI GeneID	23413
NCBI Accession #	NP_001122298.1
NCBI GenBank Nucleotide #	NM_001128826.1
UniProt Accession #	P62166; P36610; Q9UK26; E9PAY3
Molecular Weight	19,728 Da
NCBI Official Full Name	neuronal calcium sensor 1 isoform 2
NCBI Official Synonym Full Names	neuronal calcium sensor 1
NCBI Official Symbol	NCS1
NCBI Official Synonym Symbols	FLUP; FREQ
NCBI Protein Information	neuronal calcium sensor 1
UniProt Protein Name	Neuronal calcium sensor 1
UniProt Gene Name	NCS1
UniProt Synonym Gene Names	FLUP; FREQ; NCS-1
UniProt Entry Name	NCS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/neuronal-calcium-sensor-1-antibody-immunohistochemistry-western-blot-elisa/118712>