

Rabbit NCS1 Polyclonal Antibody | anti-NCS1 antibody

NCS1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281114	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

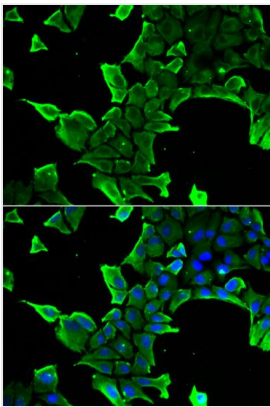
PRODUCT SYNONYMS

NCS1; Polyclonal Antibody; NCS1 Polyclonal Antibody; FLUP; FREQ; anti-NCS1 antibody

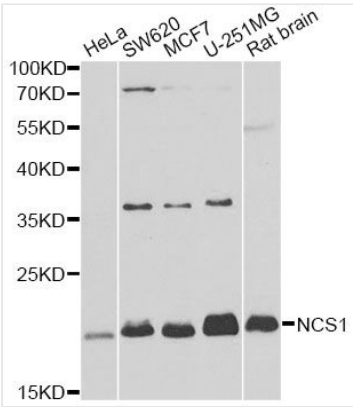
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MGKSNSKLP EVVEELTRKT YFTEKEVQQW YKGFIDKDCPS GQLDAAGFQK IYKQFFPFGD PTKFATFVFN VF DENKDGRI EFSEFIQALS VTSRGTLDK LRWAFKLYDL DNDGYITRNE MLDIVDAIQ MGVNTVELPE EENTPEKRVD RIFAMMDKNA DGKLTQEFQ EGSKADPSIV QALSLYDGLV
Sequence Length	172
Applicable Applications for anti-NCS1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human NCS1
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cell junction, Cell membrane, Cytoplasm, Golgi apparatus, Golgi stack membrane, Lipid-anchor, Membrane, Peripheral membrane protein, perinuclear region, postsynaptic cell membrane, postsynaptic density, synapse
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of A549 cells using NCS1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using NCS1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-NCS1 antibody	This gene is a member of the neuronal calcium sensor gene family, which encode calcium-binding proteins expressed predominantly in neurons. The protein encoded by this gene regulates G protein-coupled receptor phosphorylation in a calcium-dependent manner and can substitute for calmodulin. The protein is associated with secretory granules and modulates synaptic transmission and synaptic plasticity. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-NCS1 antibody	Polyclonal Antibodies

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	Calculated: 19kDa; 21kDa Observed: 20kDa
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

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://www.aaabiotech.com/polyclonal/ncs1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281114>