

Rabbit NCS1 Polyclonal Antibody | anti-NCS1 antibody

NCS1 Antibody (Center)

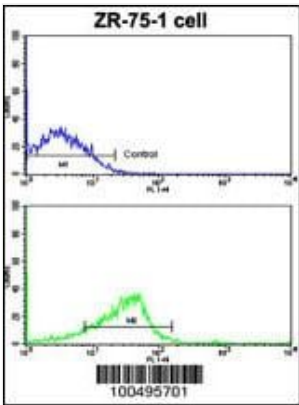
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285189	Rabbit	Human (Predicted Reactivity: Bovine, Chicken, Mouse, Rat, Xenopus)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

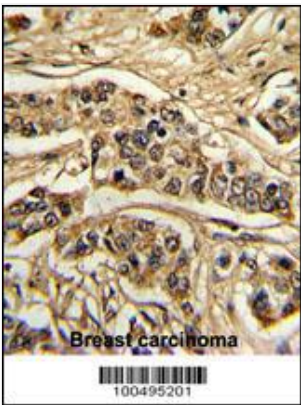
NCS1; Polyclonal Antibody; NCS1 Antibody (Center); Neuronal calcium sensor 1; NCS-1; Frequenin homolog; Frequenin-like protein; Frequenin-like ubiquitous protein; FLUP; FREQ; anti-NCS1 antibody

PRODUCT SPECIFICATIONS

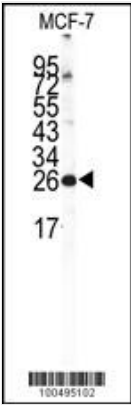
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Chicken, Mouse, Rat, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NCS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 118-144 amino acids from the Central region of human NCS1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.29 (varies by lot)
Sequence Positions	118-144
Sequence Length	172
Applicable Applications for anti-NCS1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of ZR-75-1 cells using NCS1 Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human breast carcinoma reacted with NCS1 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of NCS1 Antibody (Center) in MCF-7 cell line lysates (35ug/lane). NCS1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-NCS1 antibody	NCS1 is a member of the neuronal calcium sensor gene family, which encode calcium-binding proteins expressed predominantly in neurons. NCS1 regulates G protein-coupled receptor phosphorylation in a calcium-dependent manner and can substitute for calmodulin. This protein is thought to be associated with secretory granules and may be involved in the regulation of neurosecretion.
Product Categories/Family for anti-NCS1 antibody	Neuroscience
References	Koh, P.O., et al., Proc. Natl. Acad. Sci. U.S.A. 100(1):313-317 (2003). Bourne, Y., et al., J. Biol. Chem. 276(15):11949-11955 (2001). Burgoyne, R.D., et al., Biochem. J. 353 (Pt 1), 1-12 (2001).

NCBI AND UNIPROT INFORMATION

NCBI GI #	192447423
NCBI GeneID	23413
NCBI Accession #	NP_001122298.1; NP_055101.2
NCBI GenBank Nucleotide #	NM_001128826.1
UniProt Accession #	P62166; P36610; Q9UK26; E9PAY3

Molecular Weight	21879
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://www.aaabiotech.com/polyclonal/ncs1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285189>