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Datasheet for ABIN1385755
anti-NCS1 antibody (AA 1-50)

Overview

Quantity:	100 µL
Target:	NCS1
Binding Specificity:	AA 1-50
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NCS1
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Cow
Purification:	Purified by Protein A.

Target Details

Target:	NCS1
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Target Details

Alternative Name: NCS1/Frequenin ([NCS1 Products](#))

Background: Synonyms: 9430075015Rik, A730032G13Rik, A1836659, DKFZp761L1223, FLUP, Frequenin, Frequenin homolog Drosophila, Frequenin homolog, Frequenin like protein, Frequenin, Drosophila, homolog of, Frequenin-like protein, Frequenin-like ubiquitous protein, Mfreq, NCS 1, NCS-1, ncs1, NCS1_HUMAN, Neuronal calcium sensor 1, Neuronal Calicum Sensor 1.

Background: NCS-1 (for neuronal calcium sensor-1, also designated frequenin) belongs to a highly conserved family of EF-hand-containing Ca⁺⁺-binding proteins expressed mainly in neurons. NCS-1 is localized to neuronal cell bodies and axons throughout the brain and spinal cord. It is also expressed in glial cells and in neuroendocrine bovine adrenal chromaffin and PC12 cells. NCS-1 is a regulatory protein involved in Ca⁺⁺-dependent exocytosis of synaptic vesicles and dense core granules. NCS-1 also functions in the voltage-independent autocrine pathway that negatively regulates non-L-type Ca⁺⁺ channels.

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months