

Datasheet for ABIN1394436

**anti-NCS1 antibody (AA 1-50) (AbBy Fluor® 647)**[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	NCS1
Binding Specificity:	AA 1-50
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCS1 antibody is conjugated to AbBy Fluor® 647
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

## 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
Alternative Name:	NCS1/Frequenin ( <a href="#">NCS1 Products</a> )

## Target Details

Background:	<p>Synonyms: 9430075015Rik, A730032G13Rik, AI836659, 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.</p> <p>Background: NCS-1 (for neuronal calcium sensor-1, also designated frequenin) belongs to a highly conserved family of EF-hand-containing Ca<sup>++</sup>-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<sup>++</sup>-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<sup>++</sup> channels.</p>
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## Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months