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Datasheet for ABIN6748499
anti-NCS1 antibody (C-Term)

1 Image

Overview

Quantity:	100 µL
Target:	NCS1
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Zebrafish (Danio rerio), Cow, Dog, Guinea Pig, Horse, Chicken, Xenopus laevis, Monkey, Pig, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide from C-Terminus of human NCS1 (P62166, NP_055101). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Galago, Marmoset, Mouse, Rat, Elephant, Dog, Bovine, Bat, Horse, Pig, Opossum, Guinea pig, Turkey, Zebra finch, Chicken, Platypus, Xenopus, Stickleback, Pufferfish, Zebrafish (100%), Salmon (92%), Drosophila (85%), Beetle (84%). Type of Immunogen: Synthetic peptide
Specificity:	Human NCS1 / NCS-1

Product Details

Predicted Reactivity: Percent identity by BLAST analysis: Chicken, Zebrafish (100%).

Purification: Immunoaffinity purified

Target Details

Target: NCS1

Alternative Name: NCS1 / Neuronal Calcium Sensor ([NCS1 Products](#))

Background: Name/Gene ID: NCS1

Synonyms: NCS1, Frequenin (Drosophila) homolog, FREQ, FLUP, Frequenin homolog, Neuronal calcium sensor 1, Frequenin homolog (Drosophila), Frequenin-like protein, NCS-1

Gene ID: 23413

NCBI Accession: [NP_055101](#)

UniProt: [P62166](#)

Application Details

Application Notes: Approved: IHC, IHC-P (5 - 10 µg/mL), WB (0.2 - 1 µg/mL)

Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Distilled water

Concentration: Lot specific

Buffer: Lyophilized from PBS with 2 % sucrose

Handling Advice: Avoid repeat freeze-thaw cycles.

Storage: 4 °C, -20 °C

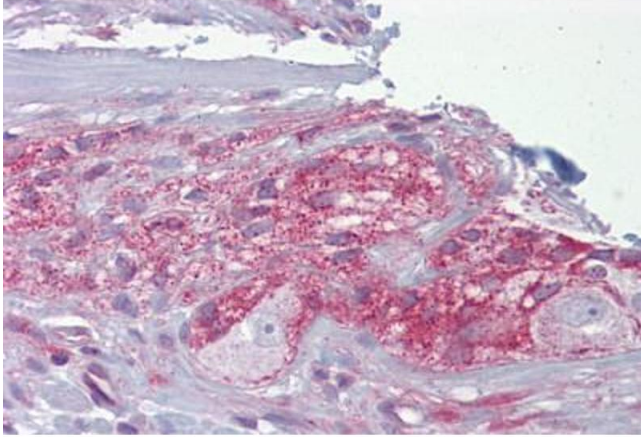
Storage Comment: Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long

Handling

term use (up to 1 year)

Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Anti-NCS-1 antibody IHC staining of human small intestine, myenteric plexus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN958999 concentration 5 ug/ml.