Datasheet for ABIN129571

anti-NCS1 antibody

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Overview

Quantity:	100 µg
Target:	NCS1
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCS1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Frequenin (recombinant from Mouse with extensive post-translational modifications) Immunogentype:Recombinant
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine), Rat (Rattus)
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

Target Details

Target:	NCS1
Alternative Name:	Frequenin (NCS1 Products)
Background:	Synonyms: Flup antibody, Freq antibody, frequenin (Drosophila) homolog antibody, Frequenin-like protein antibody, NCS 1 antibody, NCS1 antibody

Target Details

Gene ID:	14299
UniProt:	Q8BNY6

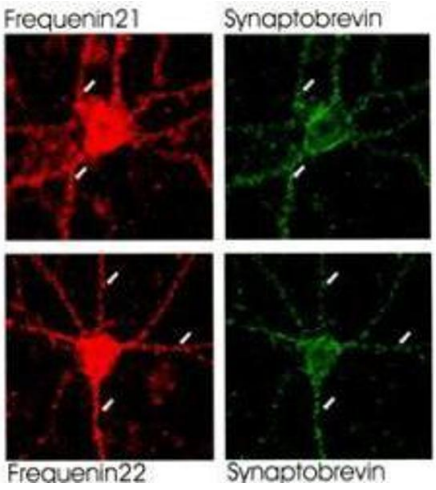
Application Details

Application Notes:	This product was assayed by immunoblot and found to be reactive against Frequenin at a dilution of 1:5000 followed by reaction with Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] Goat) Anti-Frequenin is suitable for the detection by immunoblot of human, mouse and rat Frequenin.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	2.0 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Images



Immunofluorescence

Image 1. Hippocampal neurons were prepared from 17 d old NMRI mice and grown as described previously (G. Grosse et al., (2000) J. Neurosci. 20: 1869-1882). The figure shows the distribution of neuronal calcium sensor-1 (NCS-1) (red) and synaptobrevin (green) in hippo-campal cell cultures after 19 d in vitro. Numer-ous synapses immunoreactive for synaptobrevin also show NCS-1 immunoreactivity. NCS-1 derived from invertebrate homologs has been referred to as frequenin.