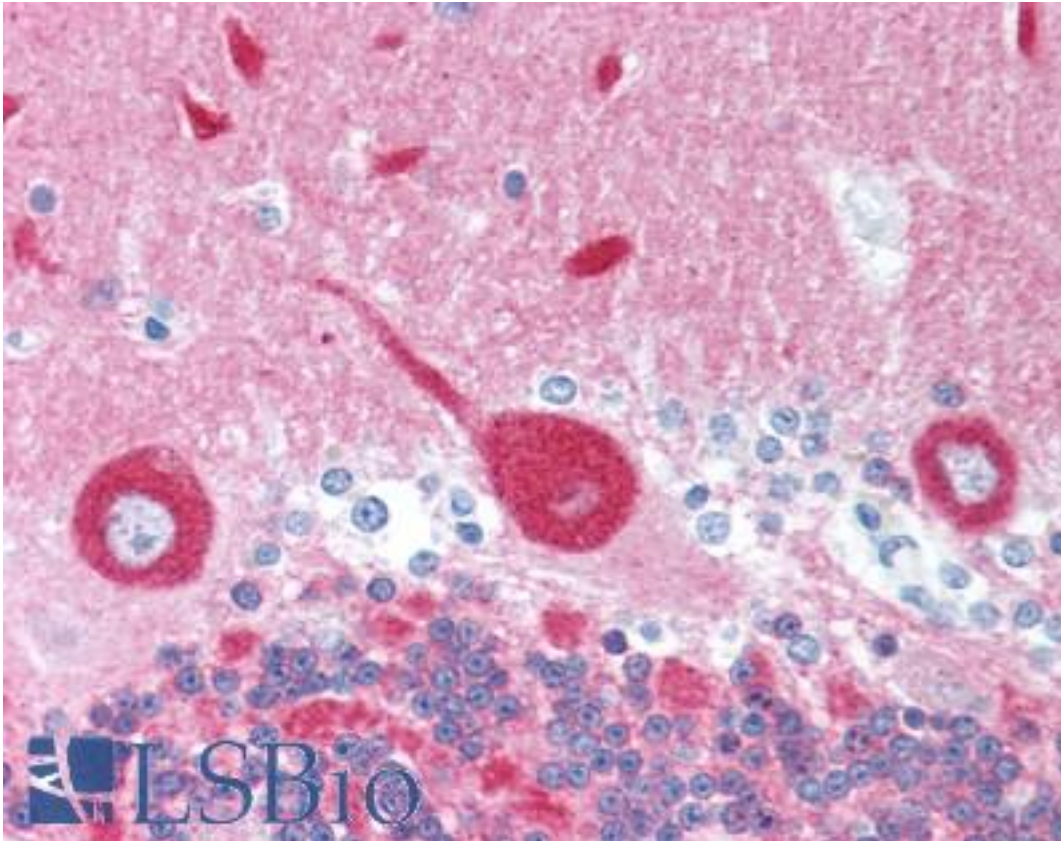


NCS1 / NCS-1 Rabbit anti-Mouse Polyclonal Antibody - LS-B1457 - LSBio

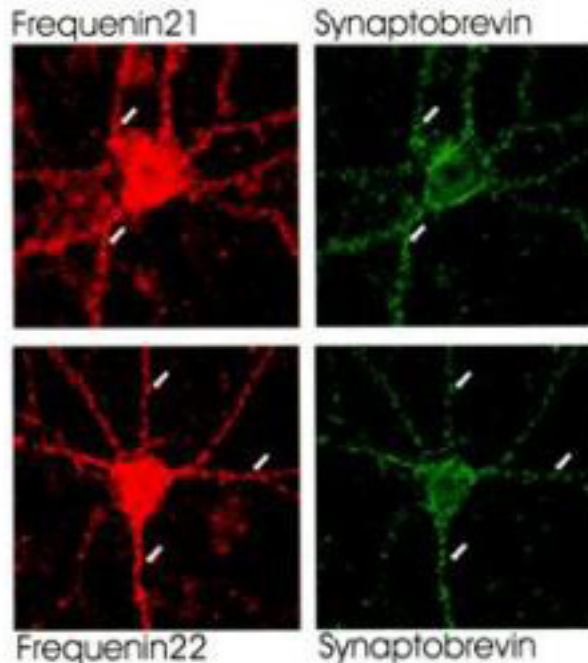
CatalogID:	LS-B1457
Validation:	This antibody replaces catalog number LS-C19010. It has been validated for use in the following assays: IHC.
Target:	neuronal calcium sensor 1 (NCS1)
Synonyms:	NCS1 Antibody, Frequenin (Drosophila) homolog Antibody, FREQ Antibody, FLUP Antibody, Frequenin homolog Antibody, Neuronal calcium sensor 1 Antibody, Frequenin homolog (Drosophila) Antibody, Frequenin-like protein Antibody, NCS-1 Antibody
Host	NCS1 antibody was produced in Rabbit
Clonality:	Polyclonal
Immunogen Species:	NCS1 / NCS-1 antibody was raised against Mouse
Immunogen:	NCS1 / NCS-1 antibody was raised against recombinant mouse NCS1 / NCS-1.
Specificity:	Frequenin (recombinant from Mouse with extensive post-translational modifications).
Reactivity:	Mouse, Human, Rat
Purification:	Immunoaffinity purified
Presentation:	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Recommended Storage:	Store vial at -20 C prior to opening. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20 C or below. Avoid cycles of freezing and thawing.
Usage Summary:	Immunohistochemistry: LS-B1457 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1457 was determined to be 5 ug/ml.
Uses:	IHC - Paraffin (5 µg/ml), Immunofluorescence, Western blot, ELISA (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml

Immunohistochemistry Image:



Anti-NCS-1 antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B1457 concentration 5 ug/ml.

Immunofluorescence Image:



Anti-FREQUENIN Antibody - Immunofluorescence Microscopy. Hippocampal neurons were prepared from 17 d old NMR1 mice and grown as described previously (G. Gross 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 hippocampal cell cultures after 19 d in vitro. Numerous synapses immunoreactive for synaptobrevin also show NCS-1 immunoreactivity. NCS-1 derived from invertebrate homologs has been referred to as frequenin.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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Created on 9/23/2014

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