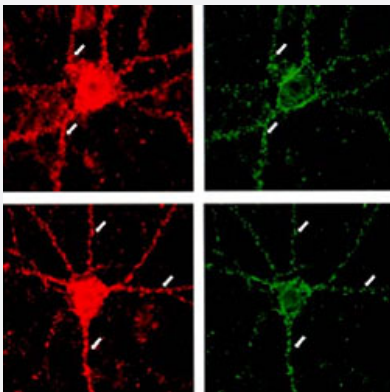


Freq polyclonal antibody

Catalog # PAB10314 Size 100 ug

Applications



Immunofluorescence

Hippocampal neurons were prepared from 17 days old NMRI mice and grown as described previously (G. Grosse et al., (2000) J. Neurosci. 20 : 1869-1882). The figure shows the distribution of Freq (red) and synaptobrevin (green) in hippocampal cell cultures after 19 days in vitro. Numerous synapses immunoreactive for synaptobrevin also show Freq immunoreactivity.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant Freq.
Immunogen	Recombinant protein corresponding to mouse Freq.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	Reactivity with avian and invertebrate frequenin is likely. In Drosophila frequenin is related to recovery and visinin and functions like Ca ²⁺ -sensitive guanylyl cyclase activator.
Form	Liquid
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	Western Blot (1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM KH ₂ PO ₄ , 150 mM NaCl, pH 7.2 (0.01% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

- Immunofluorescence

Hippocampal neurons were prepared from 17 days old NMRI mice and grown as described previously (G. Grosse et al., (2000) J. Neurosci. 20 : 1869-1882).

The figure shows the distribution of Freq (red) and synaptobrevin (green) in hippocampal cell cultures after 19 days in vitro. Numerous synapses immunoreactive for synaptobrevin also show Freq immunoreactivity.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — Freq

Entrez GeneID [14299](#)

Gene Name Freq

Gene Alias 9430075O15Rik, A730032G13Rik, A1836659, Mfreq, NCS-1, Ncs1

Gene Description frequenin homolog (Drosophila)

Gene Ontology [Hyperlink](#)

Other Designations OTTMUSP00000012740|frequenin homolog|neuronal calcium sensor-1