

## NCS1 Polyclonal Antibody

Catalog number: 10506-2-AP

Size: 75 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

FREQ; DKFZp761L1223, FLUP,

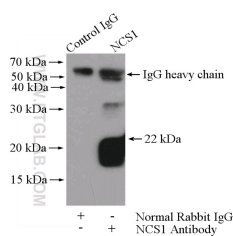
FREQ, Frequenin homolog,

frequenin homolog

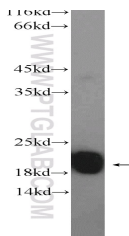
(Drosophila), Frequenin like

protein, NCS 1, NCS1, Neuronal

calcium sensor 1



IP Result of anti-FREQ (IP:10506-2-AP, 4µg; Detection:10506-2-AP 1:1000) with mouse brain tissue lysate 4000µg.



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10506-2-AP( FREQ Antibody) at dilution of 1:2000

### Background

NCS1 is a member of the neuronal calcium sensor gene family. It regulates G protein-coupled receptor phosphorylation in a calcium-dependent manner and can substitute for calmodulin. The protein is associated with secretory granules and modulates synaptic transmission and synaptic plasticity.

### Applications

Tested applications: ELISA, WB, IP

Cited applications: WB

Species specificity: Human, Mouse, Rat; other species not tested.

Cited species: Mouse

Calculated NCS1 MW: 22 kDa

Observed NCS1 MW: 22 kDa

Positive WB detected in Mouse brain tissue, A431 cells, HepG2 cells, human brain tissue, mouse cerebellum tissue, PC-3 cells, rat brain tissue, SH-SY5Y cells

Positive IP detected in Mouse brain tissue

Recommended dilution: WB: 1:1000-1:10000

IP: 1:500-1:5000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen: Ag0784

GenBank accession number: BC004856

Gene ID (NCBI): 23413

Full name: Frequenin homolog (Drosophila)

### Product information

Purification method: Antigen affinity purification

Storage: PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.