

## NCS1

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

**Calculated MW:**22kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human NCS1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

FLUP; FREQ;

**Catalog #:**A6455

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**23413

**Isotype:**IgG

**Swiss Prot:**P62166

**Purity:**Affinity purification

For research use only.

**Background:**

This gene is a member of the neuronal calcium sensor gene family, which encode calcium-binding proteins expressed predominantly in neurons. The protein encoded by this gene 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. Multiple transcript variants encoding different isoforms have been found for this gene.

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