

## NCSTN

**Reactivity:** Human Mouse Rat

**Tested applications:** WB

**Recommended Dilution:** WB 1:500 - 1:2000

**Calculated MW:** 77kDa

**Observed MW:** Refer to Figures

**Immunogen:**

A synthetic peptide of human NCSTN

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

NCSTN;APH2;KIAA0253 ;

**Catalog #:** A1099

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 23385

**Isotype:** IgG

**Swiss Prot:** Q92542

**Purity:** Affinity purification

For research use only.

**Background:**

Nicastrin is a transmembrane glycoprotein serving as an essential component of the -secretase complex (1,2). Nicastrin is physically associated with presenilin and plays an important role in the stabilization and correct localization of presenilin to the membrane-bound -secretase complex (3). Nicastrin also serves as a docking site for -secretase substrates such as APP and Notch, directly binding to them and properly presenting them to -secretase to ensure the correct cleavage process (2,4).

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