

Nicastrin Rabbit mAb
Catalog # AP75809**Specification**

Nicastrin Rabbit mAb - Product Information

Application	WB, IP
Primary Accession	Q92542
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	78411

Nicastrin Rabbit mAb - Additional Information**Gene ID** 23385**Other Names**
NCSTN**Dilution**
WB~~1/500-1/1000
IP~~N/A**Format**
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**Nicastrin Rabbit mAb - Protein Information****Name** NCSTN**Synonyms** KIAA0253**Function**

Essential subunit of the gamma-secretase complex, an endoprotease complex that catalyzes the intramembrane cleavage of integral membrane proteins such as Notch receptors and APP (amyloid- beta precursor protein) (PubMed:10993067, PubMed:12679784, PubMed:25043039, PubMed:26280335, PubMed:30598546, PubMed:30630874). The gamma-secretase complex plays a role in Notch and Wnt signaling cascades and regulation of downstream processes via its role in processing key regulatory proteins, and by regulating cytosolic CTNNB1 levels.

Cellular Location

Membrane; Single-pass type I membrane protein. Cytoplasmic vesicle membrane; Single-pass type I membrane protein. Melanosome. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV

Tissue Location

Detected in brain (at protein level) (PubMed:10993067). Widely expressed (PubMed:11396676)

Nicastrin Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

Nicastrin Rabbit mAb - Images