

Anti-Nicastrin Rabbit Monoclonal Antibody
Catalog # ABO15357**Specification**

Anti-Nicastrin Rabbit Monoclonal Antibody - Product Information

Application	WB, IF, ICC
Primary Accession	Q92542
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-Nicastrin Rabbit Monoclonal Antibody . Tested in WB, ICC/IF applications. This antibody reacts with Human.

Anti-Nicastrin Rabbit Monoclonal Antibody - Additional Information

Gene ID 23385

Other Names

Nicastrin, NCSTN, KIAA0253

Calculated MW

120 kDa, 140 kDa KDa

Application Details

WB 1:500-1:2000
ICC/IF 1:50-1:200

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Nicastrin

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-Nicastrin Rabbit Monoclonal Antibody - 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

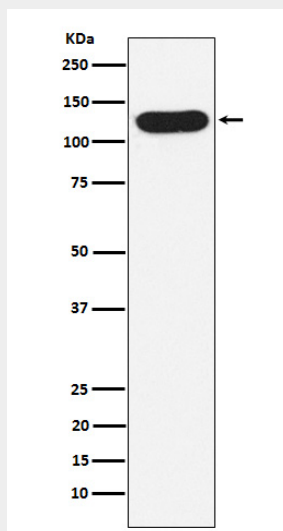
Tissue Location

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

Anti-Nicastrin Rabbit Monoclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Nicastrin Rabbit Monoclonal Antibody - Images

Western blot analysis of Nicastrin expression in A431 cell lysate.