

Nicastrin Rabbit mAb

Catalog # AP75809

Product Information

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

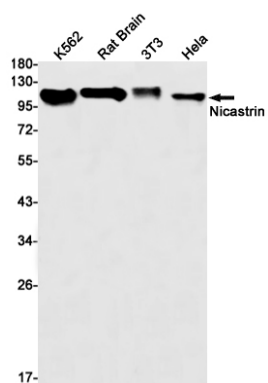
Additional Information

Gene ID	23385
Other Names	NCSTN
Dilution	WB~~1/500-1/1000 IP~~N/A
Format	Liquid

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)

Images



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.