

Nicastrin Rabbit mAb

Catalog # AP75809

Product Information

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

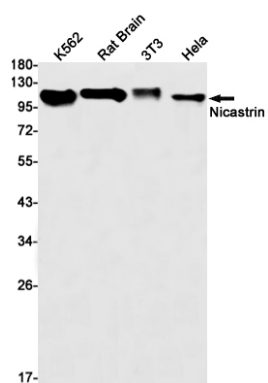
Additional Information

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| 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. |

Protein Information

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| 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



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