



Nicastrin Rabbit mAb

Catalog No	YP-rAb-17082
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IF,IP,ELISA
Gene Name	NCSTN KIAA0253 UNQ1874/PRO4317
Protein Name	Nicastrin
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200;
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15° C to -25° C/1 year(Do not lower than -25° C)
Synonyms	
Observed Band	110-120kD
Calculated Molecular Weight	78kD
Cell Pathway	Membrane ; Single-pass type I membrane protein . Cytoplasmic vesicle membrane ; Single-pass type I membrane protein . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV .
Tissue Specificity	Detected in brain (at protein level) (PubMed:10993067). Widely expressed (PubMed:11396676).
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) . 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.
Background	
matters needing attention	Avoid repeated freezing and thawing!

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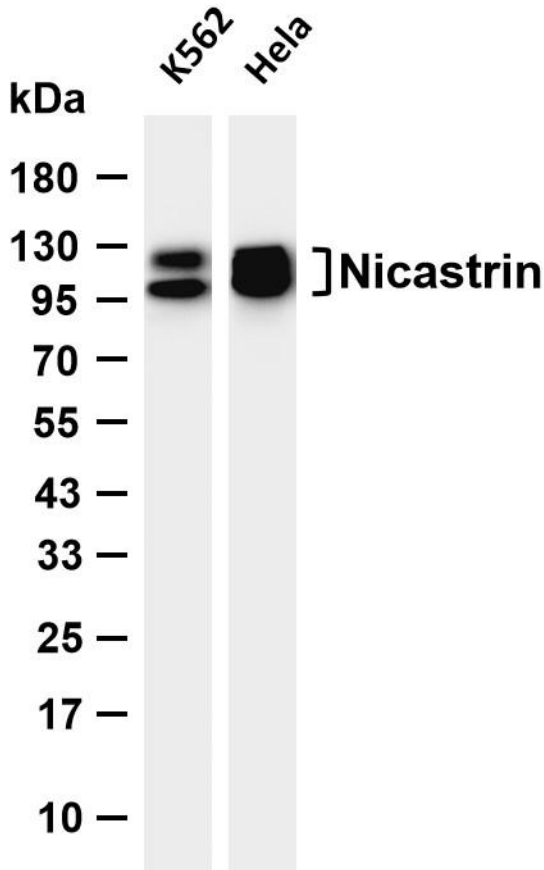


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Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Nicastrin antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: K562 Lane 2: HeLa Predicted band size: 78kDa Observed band size: 110-120kDa

