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Datasheet for ABIN5007636

## anti-Nicastrin antibody (AA 21-120) (Alexa Fluor 750)

### Overview

Quantity:	100 µL
Target:	Nicastrin (NCSTN)
Binding Specificity:	AA 21-120
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nicastrin antibody is conjugated to Alexa Fluor 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Nicastrin
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Cow,Pig,Horse,Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	Nicastrin (NCSTN)
Alternative Name:	Nicastrin ( <a href="#">NCSTN Products</a> )

## Target Details

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Background: Synonyms: ATAG1874, Nicastrin, NCSTN, KIAA0253, UNQ1874/PRO4317  
Background: 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 (beta-amyloid precursor protein). It probably represents a stabilizing cofactor required for the assembly of the gamma-secretase complex.

Gene ID: 23385

UniProt: [Q92542](#)

Pathways: [Notch Signaling](#), [Neurotrophin Signaling Pathway](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months