Recombinant Nicastrin/NCSTN Monoclonal Antibody

catalog number: AN300391P

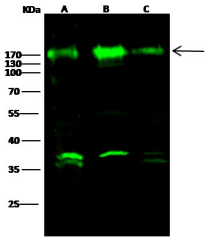
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human Nicastrin/NCSTN protein
Host	Rabbit
Isotype	IgG
Clone	12F5
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB	1:500-1:1000
IP	0.2-1 μL/mg of lysate

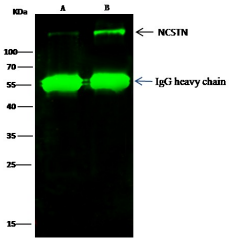
Data



Western Blot with NCSTN Monoclonal Antibody at dilution of 1:500 dilution. Lane A: Jurkat Whole Cell Lysate, Lane B: A431 Whole Cell Lysate, Lane C: 293T Whole Cell Lysate, Lysates/proteins at 30 μg per lane.

Observed-MW:170 kDa

Calculated-MW:78 kDa



Immunoprecipitation analysis using 0.5 μL anti-NCSTN Monoclonal Antibody and 15 μl of 50 % Protein G agarose. Western blot was performed from the immunoprecipitate using NCSTN Monoclonal Antibody at a dilution of 1:150. Lane A:0.5 mg Jurkat Whole Cell Lysate, Lane B:0.5 mg 293T Whole Cell Lysate

Observed-MW:170 kDa

Calculated-MW:78 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

This gene encodes a type I transmembrane glycoprotein that is an integral component of the multimeric gamma-secretase complex. The encoded protein cleaves integral membrane proteins, including Notch receptors and beta-amyloid precursor protein, and may be a stabilizing cofactor required for gamma-secretase complex assembly. The cleavage of beta-amyloid precursor protein yields amyloid beta peptide, the main component of the neuritic plaque and the hallmark lesion in the brains of patients with Alzheimer's disease; however, the nature of the encoded protein's role in Alzheimer's disease is not known for certain. Mutations in this gene are associated with familial acne inversa. A pseudogene of this gene is present on chromosome 21. Alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com