ABclonal Technology®

www.abclonal.com

NCSTN Rabbit pAb

Catalog No.: A0128

Basic Information

Catalog No.
A0128

Observed MW
110KDa/120KDa

Calculated MW
76kDa/78kDa

Category
Primary antibody

Applications
WB, IF

Cross-Reactivity
Human, Mouse, Rat

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.

Recommended Dilutions

WB	1:500 - 1:2000
IF	1:50 - 1:200

Immunogen Information

Gene ID
23385

Swiss Prot
Q92542

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 429-669 of human NCSTN (NP_056146.1).
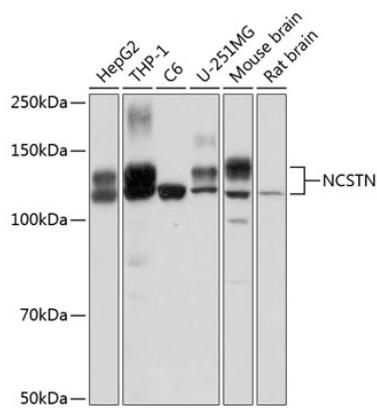
Synonyms
NCSTN;ATAG1874;nicastrin

Contact

🌐 | www.abclonal.com

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data

Western blot analysis of extracts of various cell lines, using NCSTN Polyclonal Antibody (A0128) at 1:1000 dilution.
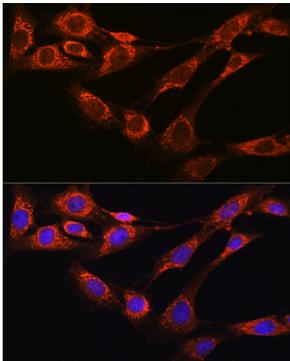Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.

Immunofluorescence analysis of NIH-3T3 cells using NCSTN Rabbit pAb (A0128) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.