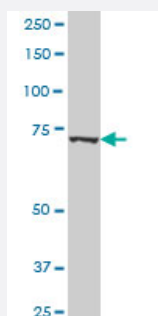


# NCSTN polyclonal antibody (A01)

Catalog # H00023385-A01

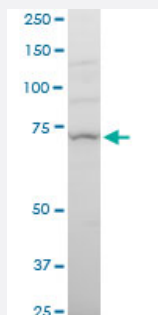
Size 50 uL

## Applications



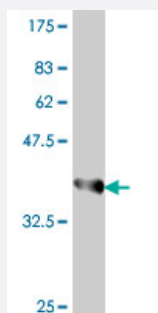
### Western Blot (Cell lysate)

NCSTN polyclonal antibody (A01), Lot # 051214JC01 Western Blot analysis of NCSTN expression in HeLa S3 NE ( Cat # L013V3 ).



### Western Blot (Cell lysate)

NCSTN polyclonal antibody (A01), Lot # 051214JC01. Western Blot analysis of NCSTN expression in NIH/3T3.



Western Blot detection against Immunogen (37 kDa) .

## Specification

### Product Description

Mouse polyclonal antibody raised against a partial recombinant NCSTN.

### Immunogen

NCSTN (AAH47621, 16 a.a. ~ 115 a.a) partial recombinant protein with GST tag.

|                               |                                                                                                       |
|-------------------------------|-------------------------------------------------------------------------------------------------------|
| Sequence                      | VERKIMPLNKTAPCVRLLNATHQIGCQSSISGDTGVIHVVEKEEDLQWVLTGPNPPYMVLLSKH<br>FTRDLMEKLGRTSRIAGLAVSLTKPSPASGFS  |
| Host                          | Mouse                                                                                                 |
| Reactivity                    | Human, Mouse                                                                                          |
| Interspecies Antigen Sequence | Mouse (88); Rat (88)                                                                                  |
| Quality Control Testing       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (37 KDa) . |
| Storage Buffer                | 50 % glycerol                                                                                         |
| Storage Instruction           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                              |

## Applications

- Western Blot (Cell lysate)

NCSTN polyclonal antibody (A01), Lot # 051214JC01 Western Blot analysis of NCSTN expression in Hela S3 NE ( Cat # L013V3 ).

[Protocol Download](#)

- Western Blot (Cell lysate)

NCSTN polyclonal antibody (A01), Lot # 051214JC01. Western Blot analysis of NCSTN expression in NIH/3T3.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — NCSTN

|                     |                          |
|---------------------|--------------------------|
| Entrez GeneID       | <a href="#">23385</a>    |
| GeneBank Accession# | <a href="#">BC047621</a> |
| Protein Accession#  | <a href="#">AAH47621</a> |
| Gene Name           | NCSTN                    |

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Alias         | APH2, KIAA0253                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Description   | nicastatin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Omim ID            | <a href="#">605254</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Summary       | 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. Alternatively spliced transcript variants have been described, but their full-length nature has not been determined. [provided by RefSeq] |
| Other Designations | ATAG1874 OTTHUMP00000031839 anterior pharynx-defective 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## Pathway

- [Notch signaling pathway](#)

## Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Intelligence Tests](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Osteoporosis](#)

- [Werner syndrome](#)