

## Product datasheet for **TA350228**

### Nicastrin (NCSTN) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Jurkat cells IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human NCSTN
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	78 kDa
Gene Name:	nicastrin
Database Link:	<a href="#">NP_056146</a> <a href="#">Entrez Gene 59287 Mouse</a> <a href="#">Entrez Gene 289231 Rat</a> <a href="#">Entrez Gene 23385 Human</a> <a href="#">Q92542</a>
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.
Synonyms:	ATAG1874

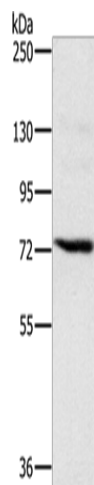


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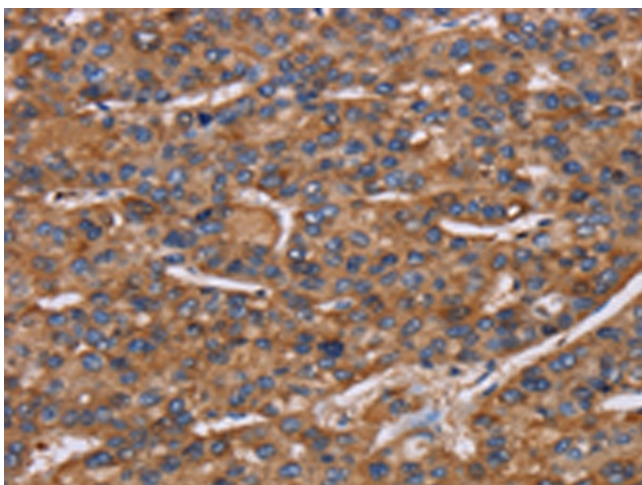
**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Alzheimer's disease, Notch signaling pathway

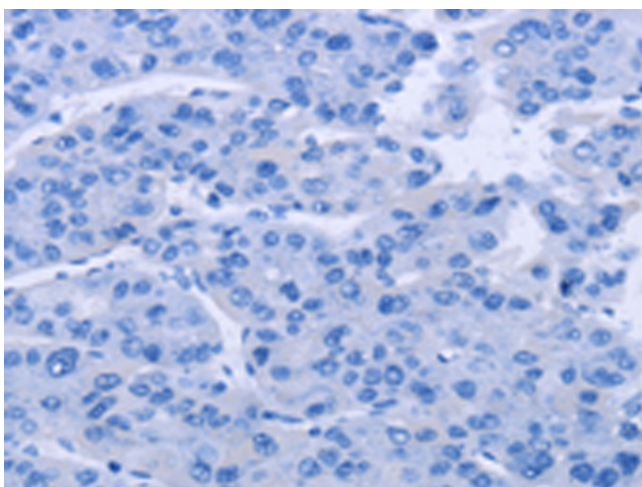
**Product images:**



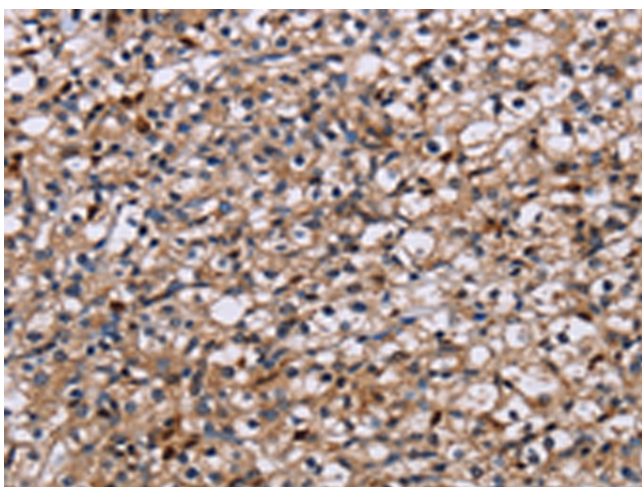
Gel: 6%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: Jurkat cells  
Primary antibody: TA350228 (NCSTN Antibody) at dilution 1/500  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 1 minute



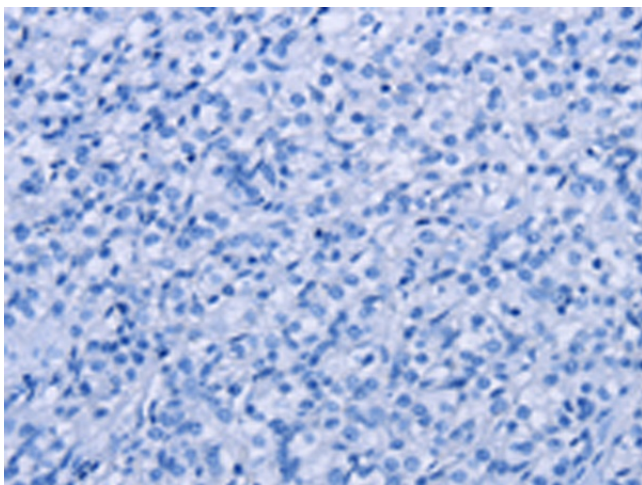
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA350228 (NCSTN Antibody) at dilution 1/50 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA350228 (NCSTN Antibody) at dilution 1/50, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA350228 (NCSTN Antibody) at dilution 1/50 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA350228 (NCSTN Antibody) at dilution 1/50, treated with fusion protein. (Original magnification:  $\times 200$ )