

## Product datasheet for **TA326927**

### Nicastrin (NCSTN) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 1:500 - 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human NCSTN
Formulation:	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	77 kDa
Gene Name:	nicastrin
Database Link:	<a href="#">NP_056146</a> <a href="#">Entrez Gene 59287 MouseEntrez Gene 289231 RatEntrez Gene 23385 Human Q92542</a>
Background:	Nicastrin is a transmembrane glycoprotein serving as an essential component of the $\gamma$ -secretase complex. Nicastrin is physically associated with presenilin and plays an important role in the stabilization and correct localization of presenilin to the membrane-bound $\gamma$ -secretase complex. Nicastrin also serves as a docking site for $\gamma$ -secretase substrates such as APP and Notch, directly binding to them and properly presenting them to $\gamma$ -secretase to ensure the correct cleavage process).
Synonyms:	ATAG1874



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**Protein Families:** Druggable Genome, Transmembrane

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