

Product datasheet for **TA344661**

Neuronal calcium binding protein (NECAB3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-NECAB3 antibody: synthetic peptide directed towards the N terminal of human NECAB3. Synthetic peptide located within the following region: MACAGLLTVCLLRPPAPQPQPQTPRHPQLAPDPGPAGHTLFQDVFRRADK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	44 kDa
Gene Name:	N-terminal EF-hand calcium binding protein 3
Database Link:	NP_112509 Entrez Gene 63941 Human Q96P71



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Background:

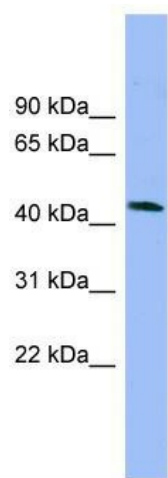
The protein encoded by this gene interacts with the amino-terminal domain of the neuron-specific X11-like protein (X11L), inhibits the association of X11L with amyloid precursor protein through a non-competitive mechanism, and abolishes the suppression of beta-amyloid production by X11L. This protein, together with X11L, may play an important role in the regulatory system of amyloid precursor protein metabolism and beta-amyloid generation. The protein is phosphorylated by NIMA-related expressed kinase 2, and localizes to the Golgi apparatus. Multiple transcript variants encoding different isoforms have been found for this gene.

Synonyms:

APBA2BP; dj63M2.4; dj63M2.5; EFCBP3; NIP1; STIP3; SYTIP2; XB51

Note:

Immunogen Sequence Homology: Human: 100%; Yeast: 100%; Dog: 90%; Pig: 90%; Rat: 90%; Mouse: 83%; Bovine: 79%; Horse: 77%

Product images:

WB Suggested Anti-NECAB3 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive
Control: Human brain