

NECAB3 mouse monoclonal antibody (hybridoma)

Catalog # H00063941-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant NECAB3.
Immunogen	NECAB3 (AAH47673.1, 1 a.a. ~ 362 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MACAGLLTVCLLRPPAPQPQPQTTPRHPQLAPDPGPAGHTLFQDVFRADKNDDGKLSFEFQN YFADGVLSLGLQELFSGIDGHLTDNLETEKLCDFSEHLGVYRPVLAALSLNRAVLAAMDATKL EYERASKVDQFVTRFLLRETVSQLQALQSSLEGASDTLEAQAHGWRSDAESVEAQSRLCGSRR AGRRALRSVRSSTWSPGSSDTGRSSEAEMQWRLQVNRLQELIDQLECKAPRLEPLREEDLAK GPDHLILMAQRQVQVAEEGLQDFHRALRCYVDFTGAQSHCLHVSAQKMLDGASFTLYEFWQDE ASWRRHQSPGSKAFQRILIDHLRAPDTLTTVFFPASWWIMNNN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (84)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — NECAB3

Entrez GeneID [63941](#)

GeneBank Accession# [BC047673.1](#)

Protein Accession# [AAH47673.1](#)

Gene Name NECAB3

Gene Alias APBA2BP, EFCBP3, NIP1, STIP3, SYTIP2, XB51, dJ63M2.4, dJ63M2.5

Gene Description N-terminal EF-hand calcium binding protein 3

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations EF-hand calcium binding protein 3|Nek2-interacting protein 1|OTTHUMP00000030659|OTTHUMP00000035342|X11L-binding protein 51|amyloid beta (A4) precursor protein-binding, family A, member 2 binding protein|neuronal calcium-binding protein NECAB3|synaptotagmi