

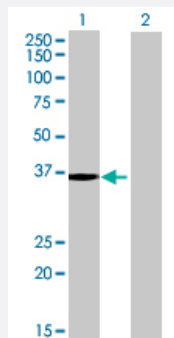
MaxPab®

APBA2BP MaxPab mouse polyclonal antibody (B01P)

Catalog # H00063941-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of NECAB3 expression in transfected 293T cell line ([H00063941-T01](#)) by NECAB3 MaxPab polyclonal antibody.

Lane 1: APBA2BP transfected lysate (39.82 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human APBA2BP protein.
Immunogen	APBA2BP (AAH47673.1, 1 a.a. ~ 362 a.a) full-length human protein.
Sequence	MACAGLLTVCLLRPPAPQPQPQTPRHPQLAPDPGPAGHTLFQDVFRRADKNDDGKLSFEEFQN YFADGVLSLGELQELFSGIDGHLTDNLETEKLCDFSEHLGVYRPVLALESNRAVLAAMDATKL EYERASKVDQFVTRFLLRETVSQALQSSLEGASDTLEAQAHGWRSDAESVEAQSRLCGSRR AGRRALRSVSRSTWSPGSSDTGRSSEAEMQWRLQVNRLQELIDQLECKAPRLEPLREEDLAK GPDHLHILMAQRQVQVAEEGLQDFHRALRCYDFTGAQSHCLHVSQKMLDGASFTLYEFWQDE ASWRRHQQSPGSKAFQRILIDHLRAPDTLTTVFFPASWWIMNNN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (84)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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