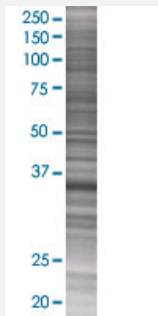


APBA2BP 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00063941-T01

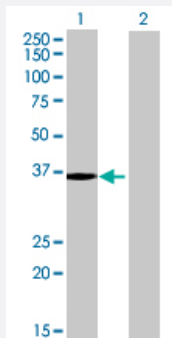
Size 100 uL

Applications



SDS-PAGE Gel

NECAB3 transfected lysate.



Western Blot

Lane 1: NECAB3 transfected lysate (39.93 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-APBA2BP full-length
Host	Human
Theoretical MW (kDa)	39.93
Interspecies Antigen Sequence	Mouse (85); Rat (84)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-APBA2BP antibody ([H00063941-B01](#)) by Western Blots.
SDS-PAGE Gel
NECAB3 transfected lysate.
Western Blot
Lane 1: NECAB3 transfected lysate (39.93 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

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