

Recombinant Human NECAB3 293 Cell Lysate

Cat. No. NECAB3-3888HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for N-terminal EF-hand calcium binding protein 3 (NECAB3), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

NECAB3 N-terminal EF-hand calcium binding protein 3 [Homo sapiens]

Official Symbol

NECAB3

Synonyms

NECAB3; N-terminal EF-hand calcium binding protein 3; amyloid beta (A4) precursor protein binding, family A, member 2 binding protein , APBA2BP, SYTIP2; N-terminal EF-hand calcium-binding protein 3; dJ63M2.4; dJ63M2.5; EF hand calcium binding protein 3; EFCBP3; NIP1; XB51; X11L-binding protein 51; Nek2-interacting protein 1; EF-hand calcium binding protein 3; neuronal calcium-binding protein 3; synaptotagmin interacting protein 2; neuronal calcium-binding protein NECAB3; synaptotagmin interacting protein STIP3; amyloid beta A4 protein-binding family A member 2-binding protein; amyloid beta (A4) precursor protein-binding, family A, member 2 binding protein; STIP3; SYTIP2; APBA2BP;

Gene ID

63941

mRNA Refseq

NM_031231

Protein Refseq

NP_112508

MIM

612478

UniProt ID

Q96P71

Chromosome

20q11.21

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Location**Function**

calcium ion binding; protein binding;

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