

## APBA2BP Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP00504
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NECAB3. AA range:321-370
<b>Mol wt</b>	44350
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	APBA2BP Antibody
<b>Synonyms</b>	NECAB3; APBA2BP; NIP1; SYTIP2; XB51; N-terminal EF-hand calcium-binding protein 3; Amyloid beta A4 protein-binding family A member 2-binding protein; Nek2-interacting protein 1; Neuronal calcium-binding

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

The protein encoded by NECAB3 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 (N-terminal EF-hand calcium binding protein 3), 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 NECAB3.

### Recommended Dilution

WB: 1: 500 - 1: 2000

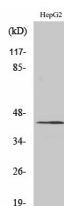
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

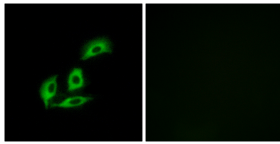
ELISA: 1: 40000

Not yet tested in other applications.

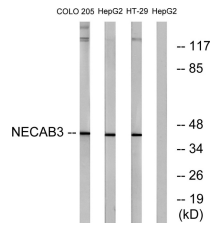
### Images



Western Blot analysis of various cells using APBA2BP Polyclonal Antibody



Immunofluorescence analysis of A549 cells, using NECAB3 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2, COLO, and HT-29 cells, using NECAB3 Antibody. The lane on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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