

## NECAB3 Polyclonal Antibody

**Catalog No.** E-AB-30519

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

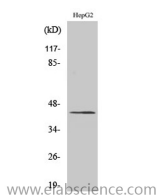
### Description

<b>Reactivity</b>	Human,Mouse
<b>Immunogen</b>	Synthesized peptide derived from the C-terminal region of human APBA2BP
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	PBS with 0.02% sodium azide,0.5% protective protein and 50% glycerol pH 7.4.

### Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:100-1:300
<b>IF</b>	1:200-1:1000
<b>ELISA</b>	1:40000

### Data



Western Blot analysis of HepG2 cells with NECAB3  
Polyclonal Antibody  
**Observed Mw:44kDa**  
**Calculated Mw:44kDa**

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### Background

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. NECAB3 (N-Terminal EF-Hand Calcium Binding Protein 3) is a Protein Coding gene. GO annotations related to this gene include calcium ion binding. An important paralog of this gene is NECAB1.

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