

NECAB3 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50606**Specification**

NECAB3 Antibody - Product Information

Application	WB, IF
Primary Accession	Q96P71
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44,41,22 KDa
Antigen Region	340-368

NECAB3 Antibody - Additional Information**Gene ID** 63941**Other Names**

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 protein 3, X11L-binding protein 51, NECAB3, APBA2BP, NIP1, SYTIP2, XB51

Dilution

WB~~ 1:1000

IF~~1:100

Format

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions

-20°C

NECAB3 Antibody - Protein Information**Name** NECAB3**Synonyms** APBA2BP, NIP1, SYTIP2, XB51**Function**

Inhibits the interaction of APBA2 with amyloid-beta precursor protein (APP), and hence allows formation of amyloid-beta. May enhance the activity of HIF1A and thus promote glycolysis under normoxic conditions; the function requires its ABM domain and may implicate the stabilization of the interaction between HIF1AN and APBA3.

Cellular Location

Golgi apparatus

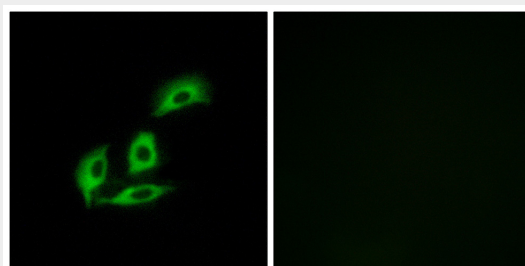
Tissue Location

Strongly expressed in heart and skeletal muscle, moderately in brain and pancreas.

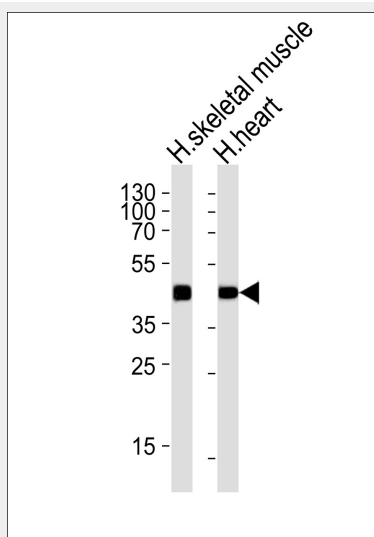
NECAB3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NECAB3 Antibody - Images

Immunofluorescence analysis of A549 cells, using NECAB3 antibody.



Western blot analysis of lysates from human heart and skeletal muscle tissue lysate (from left to right), using NECAB3 Antibody (AP50606). AP50606 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

NECAB3 Antibody - Background

Inhibits the interaction of APBA2 with beta-amyloid precursor protein (APP), and hence allows

formation of beta- amyloid.

NECAB3 Antibody - References

Sugita S.,et al.Neuroscience 112:51-63(2002).
Yoo J.C.,et al.Exp. Cell Res. 292:393-402(2004).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Deloukas P.,et al.Nature 414:865-871(2001).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.