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

Specification

NECAB3 Antibody - Product Information

Application	**IF, WB**
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
IF~~1:100
WB~~ 1:1000

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℃

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

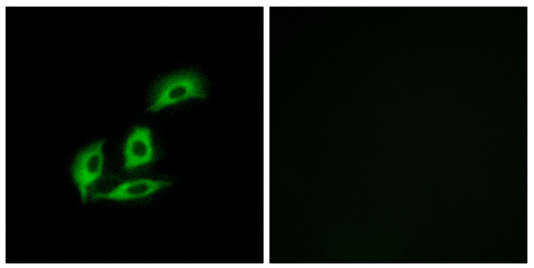
Tissue Location
Strongly expressed in heart and skeletal muscle, moderately in brain and pancreas.

NECAB3 Antibody - Protocols

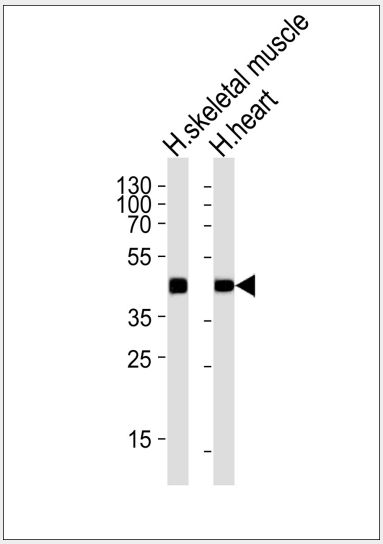
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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.