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NECAB3 Antibody (aa321-370)

Rabbit Polyclonal Antibody
Catalog # ALS15906

Specification

NECAB3 Antibody (aa321-370) - Product Information

Application	**IHC, IF, WB**
Primary Accession	Q96P71
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**44kDa KDa**

NECAB3 Antibody (aa321-370) - 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

Target/Specificity
NECAB3 Antibody detects endogenous levels of total NECAB3 protein.

Reconstitution & Storage
Store at -20°C for up to one year.

Precautions
NECAB3 Antibody (aa321-370) is for research use only and not for use in diagnostic or therapeutic procedures.

NECAB3 Antibody (aa321-370) - 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

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

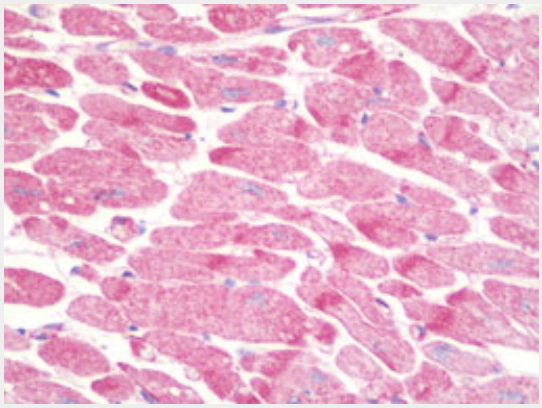
Volume
50 µl

NECAB3 Antibody (aa321-370) - Protocols

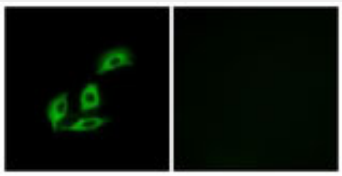
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

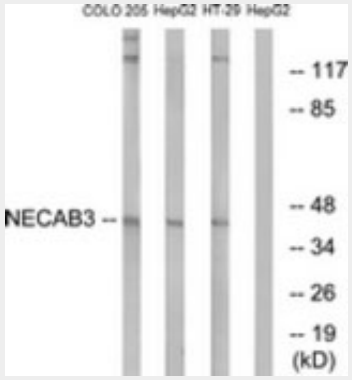
NECAB3 Antibody (aa321-370) - Images



Anti-NECAB3 / NIP1 antibody IHC staining of human heart.



Immunofluorescence of A549 cells, using NECAB3 Antibody.



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Western blot of extracts from HepG2/COLO/HT-29 cells, using NECAB3 Antibody.

NECAB3 Antibody (aa321-370) - Background

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

NECAB3 Antibody (aa321-370) - 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.