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NECAB3 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50606

Product Information

Application	WB, IF
Primary Accession	Q96P71
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Calculated MW	44350

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℃

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.

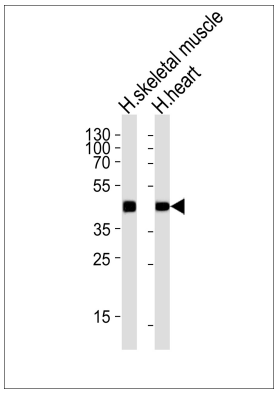
Background

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

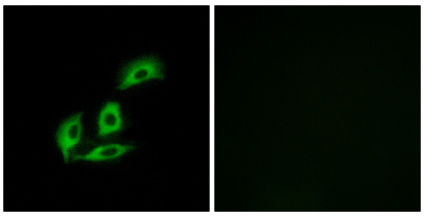
References

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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.

Images



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.



Immunofluorescence analysis of A549 cells, using NECAB3 antibody.

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