PIK3C3 Antibody

PACO52698

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000, IHC:1:20-1:200

Protein Background:

Catalytic subunit of the PI3K complex that mediates formation of phosphatidylinositol 3-phosphate; different complex forms are believed to play a role in multiple membrane trafficking pathways: PI3KC3-C1 is involved in initiation of autophagosomes and PI3KC3-C2 in maturation of autophagosomes and endocytosis. Involved in regulation of degradative endocytic trafficking and required for the abcission step in cytokinesis, probably in the context of PI3KC3-C2. Involved in the transport of lysosomal enzyme precursors to lysosomes. Required for transport from early to late endosomes.

Gene ID:

PIK3C3

Uniprot

Q8NEB9

Synonyms:

Phosphatidylinositol 3-kinase catalytic subunit type 3 (PI3-kinase type 3) (PI3K type 3) (PtdIns-3-kinase type 3) (EC 2.7.1.137) (Phosphatidylinositol 3-kinase p100 subunit) (Phosphoinositide-3-kinase class 3) (hVps34), PIK3C3, VPS34

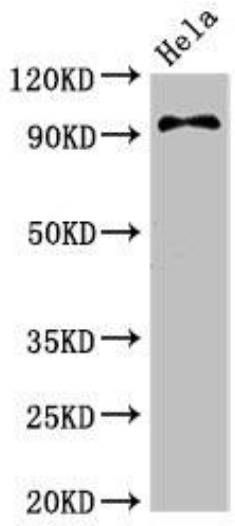
Immunogen:

Recombinant Human Phosphatidylinositol 3-kinase catalytic subunit type 3 protein (700-850AA).

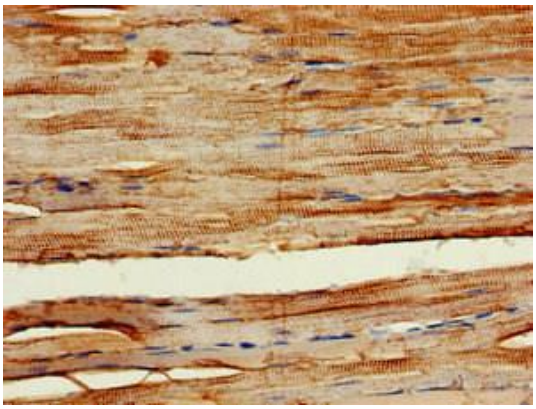
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

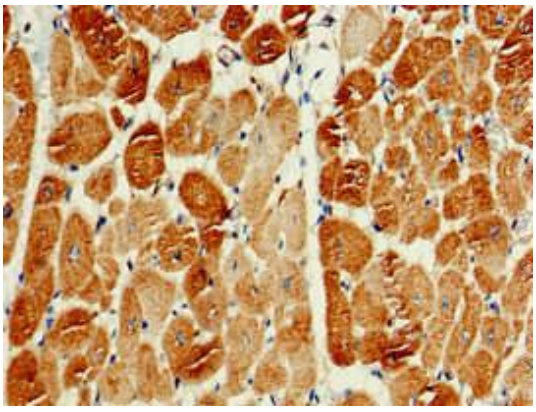
Product Images



Western Blot. Positive WB detected in: Hela whole cell lysate. All lanes: PIK3C3 antibody at 3.4µg/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 102 kDa. Observed band size: 102 kDa.



Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using PACO52698 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human heart tissue using PACO52698 at dilution of 1:100.