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TBC1D4 / AS160 Antibody (Internal)

Goat Polyclonal Antibody
Catalog # ALS12459

Specification

TBC1D4 / AS160 Antibody (Internal) - Product Information

Application	**IHC**
Primary Accession	O60343
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**147kDa KDa**

TBC1D4 / AS160 Antibody (Internal) - Additional Information

Gene ID 9882

Other Names
TBC1 domain family member 4, Akt substrate of 160 kDa, AS160, TBC1D4, AS160, KIAA0603

Target/Specificity
Human TBC1D4.

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

Precautions
TBC1D4 / AS160 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

TBC1D4 / AS160 Antibody (Internal) - Protein Information

Name TBC1D4

Synonyms AS160, KIAA0603

Function
May act as a GTPase-activating protein for RAB2A, RAB8A, RAB10 and RAB14. Isoform 2 promotes insulin-induced glucose transporter SLC2A4/GLUT4 translocation at the plasma membrane, thus increasing glucose uptake.

Cellular Location
Cytoplasm. Note=Isoform 2 shows a cytoplasmic perinuclear localization in a myoblastic cell line in resting and insulin-stimulated cells

Tissue Location
Widely expressed. Isoform 2 is the highest overexpressed in most tissues. Isoform 1 is highly expressed in skeletal muscle and heart, but was not detectable in the liver nor in adipose tissue.

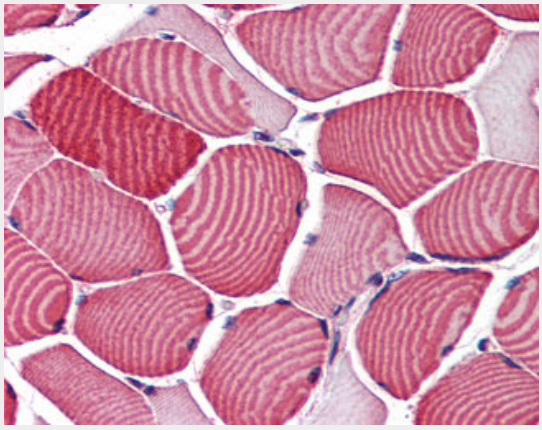
Isoform 2 is strongly expressed in adrenal and thyroid gland, and also in lung, kidney, colon, brain and adipose tissue Isoform 2 is moderately expressed in skeletal muscle. Expressed in pancreatic Langerhans islets, including beta cells (at protein level) Expression is decreased by twofold in pancreatic islets in type 2 diabetes patients compared to control subjects. Up-regulated in T-cells from patients with atopic dermatitis.

TBC1D4 / AS160 Antibody (Internal) - 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

TBC1D4 / AS160 Antibody (Internal) - Images



Anti-TBC1D4 antibody IHC of human skeletal muscle.

TBC1D4 / AS160 Antibody (Internal) - Background

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TBC1D4 / AS160 Antibody (Internal) - References

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