

AS160/TBC1 Polyclonal Antibody

CATALOG NO: 3954-30T 30 µg (Trial size)
3954-100 100 µg

IMMUNOGEN: Synthetic peptide surrounding amino acid 186 of human AS160/TBC1.

INTERNAL ID: BV-H56G

HOST: Rabbit

SPECIES REACTIVITY: Human, Mouse, Rat

FORMULATION:

0.5 mg/ml affinity purified rabbit anti-AS160/TBC1 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

STORAGE CONDITIONS:

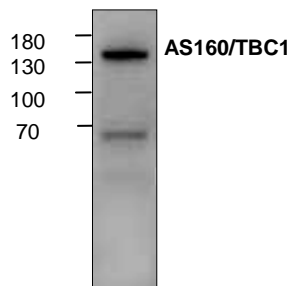
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

AS160 is a 160 kDa protein which is a substrate for the serine/threonine kinase Akt. AS160 plays a critical role in regulating insulin-stimulated exocytosis of glucose transporter GLUT4. Insulin stimulation of fat and muscle cells results in translocation of the GLUT4 to the plasma membrane, which is dependent on phosphorylation of AS160. The role of AS160 in GLUT4 translocation is mediated by its GTPase activating domain and interactions with Rab proteins.

APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (1-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3954BP-50) is available separately.



Cat. #:3954-100 AS160/TBC1 Antibody. Western blot analysis of AS160/TBC1 with lysate from Jurkat cells.

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
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