

Rabbit AS160 (pT642) Polyclonal Antibody | anti-TBC1D4 antibody

Anti-AS160 (pT642) Phospho Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104296	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

AS160 (pT642); Polyclonal Antibody; Anti-AS160 (pT642) Phospho Antibody; AS160; KIAA0603; TBC1 domain family member 4; Akt substrate of 160 kDa; anti-TBC1D4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of AS160 (pT642) protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	1290
Applicable Applications for anti-TBC1D4 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human AS160. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of AS160 (pT642) staining in Raw264.7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of AS160 (pT642) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of AS160 (pT642) expression in LO2 insulin-treated (A), Raw264.7 insulin-treated (B), PC12 insulin-treated (C), NIH3T3 UV-treated (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-TBC1D4 antibody	Rabbit polyclonal antibody to AS160 (pT642)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	557786188
NCBI GeneID	9882
NCBI Accession #	NP_001273587.1
NCBI GenBank Nucleotide #	NM_001286658.1
UniProt Accession #	O60343; Q5W0B9; Q68D14; A7E2X8; B4DU25; B4E235; B6ETN8; B6ETN9
Molecular Weight	60,095 Da
NCBI Official Full Name	TBC1 domain family member 4 isoform 2
NCBI Official Synonym Full Names	TBC1 domain family, member 4
NCBI Official Symbol	TBC1D4
NCBI Official Synonym Symbols	AS160
NCBI Protein Information	TBC1 domain family member 4; akt substrate of 160 kDa; Acrg embryonic lethality minimal region ortholog; TBC (Tre-2, BUB2, CDC16) domain-containing protein
UniProt Protein Name	TBC1 domain family member 4
UniProt Gene Name	TBC1D4
UniProt Synonym Gene Names	AS160; KIAA0603; AS160
UniProt Entry Name	TBCD4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/as160-pt642-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/104296>