

Rabbit TBC1D4 Polyclonal Antibody | anti-TBC1D4 antibody

TBC1D4 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289380	Rabbit	Human (Predicted Reactivity: Mouse)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

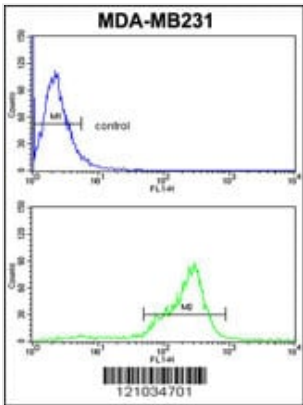
PRODUCT SYNONYMS

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

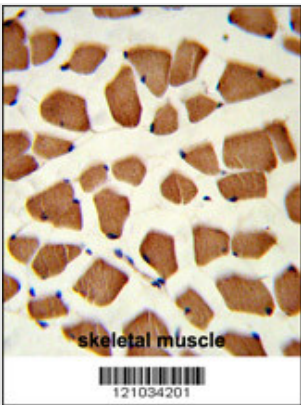
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TBC1D4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 172-201 amino acids from the N-terminal region of human TBC1D4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	172-201
Sequence Length	515
Applicable Applications for anti-TBC1D4 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

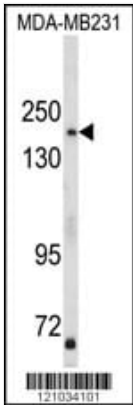
IMAGES



FCM/FACS (Flow Cytometry)
TBC1D4 Antibody (N-term) flow cytometric analysis of MDA-MB231 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human skeletal muscle reacted with TBC1D4 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of TBC1D4 Antibody (N-term) in MDA-MB231 cell line lysates (35ug/lane). TBC1D4 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-TBC1D4 antibody	TBC1D4 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.
Product Categories/Family for anti-TBC1D4 antibody	Signal Transduction
References	Lee,S.Y., et.al., Proc. Natl. Acad. Sci. U.S.A. 100 (5), 2651-2656 (2003) Nakayama,M., et.al., Genome Res. 12 (11), 1773-1784 (2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	114688046
NCBI GeneID	9882
NCBI Accession #	NP_055647.2
NCBI GenBank Nucleotide #	NM_014832.3
UniProt Accession #	O60343; Q5W0B9; Q68D14; A7E2X8; B4DU25; B4E235; B6ETN8; B6ETN9
Molecular Weight	146563

NCBI Official Full Name	TBC1 domain family member 4 isoform 1
NCBI Official Synonym Full Names	TBC1 domain family, member 4
NCBI Official Symbol	TBC1D4
NCBI Official Synonym Symbols	AS160; NIDDM5
NCBI Protein Information	TBC1 domain family member 4
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/tbc1d4-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289380>