

Rabbit anti-Human TBC1D3 Polyclonal Antibody | anti-TBC1D3 antibody

TBC1D3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324040	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

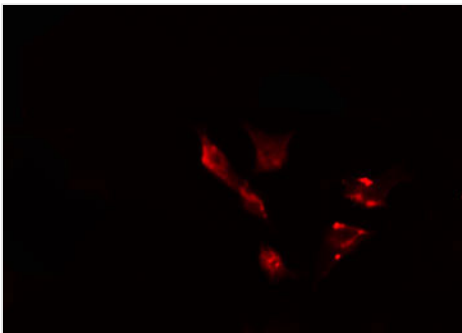
PRODUCT SYNONYMS

TBC1D3; Polyclonal Antibody; TBC1D3 Antibody; PRC17; TBC1 domain family member 3; TBC1 domain family member 3F; TBC1D3F; TBC3F_HUMAN; TRE17 alpha protein; TRE17; anti-TBC1D3 antibody

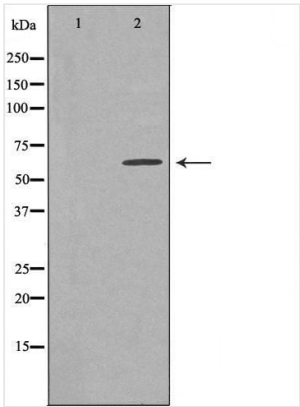
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	TBC1D3 antibody detects endogenous levels of total TBC1D3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	549
Applicable Applications for anti-TBC1D3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Plasma Membrane
Tissue Specificity	Expressed in liver, skeletal muscle, kidney, pancreas, spleen, testis, ovary, small intestine and peripheral blood leukocytes. Overexpressed in prostate cancers.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA324040 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using TBC1D3 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-TBC1D3 antibody	Function: Acts as a GTPase activating protein for RAB5. Does not act on RAB4 or RAB11. Post-translational Modifications: Ubiquitinated by a CUL7-based E3 ligase, which leads to proteasomal degradation. Palmitoylation is required for membrane localization and protects TBC1D3 from ubiquitination.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	612339375
NCBI GeneID	414060
NCBI Accession #	NP_001001418.5
NCBI GenBank Nucleotide #	NM_001001418.6
UniProt Accession #	Q8IZP1; Q6DCB4; Q9H0B9; Q9UDD4; A6NGX2; A8K007; Q6IPX1
Molecular Weight	Observed: 62 kD Predicted: 63 kDa
NCBI Official Full Name	TBC1 domain family member 3C
NCBI Official Synonym Full Names	TBC1 domain family member 3C
NCBI Official Symbol	TBC1D3C
NCBI Official Synonym Symbols	PRC17; TBC1D3; TBC1D3A; TBC1D3D
NCBI Protein Information	TBC1 domain family member 3C
UniProt Protein Name	TBC1 domain family member 3
UniProt Gene Name	TBC1D3
UniProt Synonym Gene Names	PRC17; TBC1D3A

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.