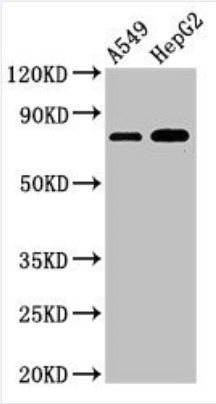
TBC1D15 Antibody – Rabbit Polyclonal

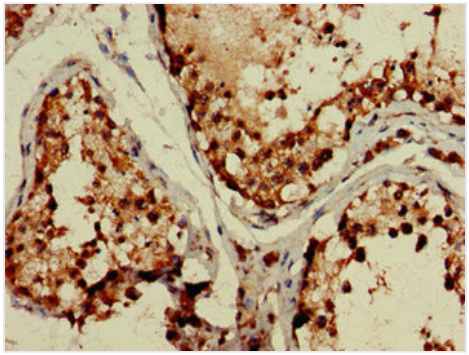
PRODUCT OVERVIEW

Product Name	TBC1D15, Polyclonal Antibody
Full Product Name	TBC1D15 Antibody
Product Gene Name	anti-TBC1D15 antibody
Product Synonym Names	TBC1 domain family member 15; GTPase-activating protein RAB7; GAP for RAB7; Rab7-GAP; TBC1D15
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: TBC1D15 (MBS7103251) HRP Conjugated Antibody: TBC1D15 (MBS7103252)
Matching Pairs	Unconjugated Antibody: TBC1D15 (MBS7103251) FITC Conjugated Antibody: TBC1D15 (MBS7103253)
Matching Pairs	Unconjugated Antibody: TBC1D15 (MBS7103251) Biotin Conjugated Antibody: TBC1D15 (MBS7103254)
Molecular Weight	78,572 Da
OMIM	AB449901 mRNA
3D Structure	ModBase 3D Structure for Q8TC07
Immunogen	Recombinant Human TBC1 domain family member 15 protein (283-404AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-TBC1D15 antibody	Signal Transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TBC1D15 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Application Notes for anti-TBC1D15 antibody	WB: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:50-1:200
Related Product Information for anti-TBC1D15 antibody	Acts as a GTPase activating protein for RAB7A. Does not act on RAB4, RAB5 or RAB6 (By similarity).

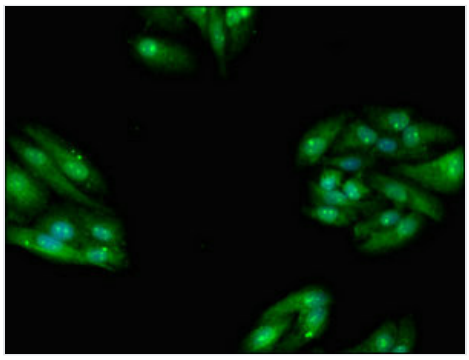
Other Notes	Small volumes of anti-TBC1D15 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TBC1D15 purchase	MBS7103251 is an antibody targeting TBC1D15. Also known as TBC1D15 Antibody. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-TBC1D15 antibody
Western BlotPositive WB detected in: A549 whole cell lysate, HepG2 whole cell lysateAll lanes: TBC1D15 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 80, 78, 79 KDaObserved band size: 80 KDa



Immunohistochemistry (IHC) of anti-TBC1D15 antibody
Immunohistochemistry of paraffin-embedded human testis tissue using MBS7103251 at dilution of 1:100



Immunohistochemistry (IHC) of anti-TBC1D15 antibody
Immunofluorescent analysis of Hepg2 cells using MBS7103251 at a dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TBC1D15. It may not necessarily be applicable to this product.

NCBI GI #	299758464
NCBI GeneID	64786
NCBI Accession #	NP_001139685.2
UniProt Primary Accession #	Q8TC07
UniProt Secondary Accession #	Q9HA83; B4DMT9; B9A6L6; J3KNI9
UniProt Related Accession #	Q8TC07
GenBank Nucleotide #	NM_001146213.1
NCBI Official Full Name	TBC1 domain family member 15 isoform 3
NCBI Official Synonym Full Names	TBC1 domain family member 15
NCBI Official Symbol	TBC1D15
NCBI Official Synonym Symbols	RAB7-GAP

UniProt Protein Name	TBC1 domain family member 15
UniProt Synonym Protein Names	GTPase-activating protein RAB7; GAP for RAB7; Rab7-GAP
Protein Family	TBC1 domain family
UniProt Gene Name	TBC1D15
UniProt Synonym Gene Names	GAP for RAB7; Rab7-GAP
NCBI Protein Information	TBC1 domain family member 15
NCBI Summary for TBC1D15	This gene encodes a member of the Ras-like proteins in brain-GTPase activating protein superfamily that share a conserved Tre-2/Bub2/Cdc16 domain. The encoded protein interacts with Ras-like protein in brain 5A and may function as a regulator of intracellular trafficking. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Apr 2009]
UniProt Comments for TBC1D15	Acts as a GTPase activating protein for RAB7A. Does not act on RAB4, RAB5 or RAB6 ().
Research Articles on TBC1D15	**1.** Demonstrate that TBC1D15 and TBC1D17 mediate proper autophagic encapsulation of mitochondria by regulating Rab7 activity at the interface between mitochondria and isolation membranes.
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