TBC1D8 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TBC1D8, Polyclonal Antibody
Full Product Name	TBC1D8, CT (TBC1D8, VRP, TBC1 domain family member 8, AD 3, Vascular Rab-GAP/TBC-containing protein) (MaxLight 405)
Product Gene Name	anti-TBC1D8 antibody
Product Synonym Names	TBC1D8; VRP; TBC1 domain family member 8; AD 3; Vascular Rab-GAP/TBC-containing protein
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	130,835 Da
Chromosome Location	Chromosome: 2; NC_000002.11 (101623690..101767846, complement). Location: 2q11.2
3D Structure	ModBase 3D Structure for O95759
Immunogen	TBC1D8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 960-990 amino acids from the C-terminal region of human TBC1D8.
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-TBC1D8 antibody	Antibodies; GTPase; Rab; Ras; Rho Proteins
Applications Tested/Suitable for anti-TBC1D8 antibody	Western Blot (WB), FLISA
Application Notes for anti-TBC1D8 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-TBC1D8 antibody	MBS6353968 is an antibody targeting TBC1D8. Also known as TBC1D8, CT (TBC1D8, VRP, TBC1 domain family member 8, AD 3, Vascular Rab-GAP/TBC-containing protein) (MaxLight 405). Reactive in Human, Mouse. Host: Rabbit. TBC1D8 may act as a GTPase-activating protein for Rab family protein(s).
Product References and Citations for anti-TBC1D8 antibody	Hsu, Y.H., et al. PLoS Genet. 6 (6), E1000977 (2010): Ishibashi, K., et al. Genes Cells 14(1):41-52(2009). Sklan, E.H., et al. J. Virol. 81(20):11096-11105(2007). Ozyildirim, A.M., et al. Invest. Ophthalmol. Vis. Sci. 46(5):1572-1580(2005). Xu, Y.C., et al. J. Biol. Chem. 277(31):28051-28057(2002).
Other Notes	Small volumes of anti-TBC1D8 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TBC1D8. It may not necessarily be applicable to this product.

NCBI GI #	156231067
NCBI GeneID	11138
NCBI Accession #	NP_001095896.1
UniProt Primary Accession #	O95759
UniProt Secondary Accession #	Q53SQ4; Q9UQ32; A6NDL4; A8K9W1; B9A6K4
UniProt Related Accession #	O95759
GenBank Nucleotide #	NM_001102426.1
NCBI Official Full Name	TBC1 domain family member 8
NCBI Official Synonym Full Names	TBC1 domain family, member 8 (with GRAM domain)
NCBI Official Symbol	TBC1D8
NCBI Official Synonym Symbols	AD3; VRP; HBLP1; TBC1D8A
UniProt Protein Name	TBC1 domain family member 8
UniProt Synonym Protein Names	AD 3; Vascular Rab-GAP/TBC-containing protein
Protein Family	TBC1 domain family
UniProt Gene Name	TBC1D8
UniProt Synonym Gene Names	VRP
UniProt Entry Name	TBCD8_HUMAN
NCBI Protein Information	TBC1 domain family member 8; AD 3; OTTHUMP00000202974; OTTHUMP00000225214; BUB2-like protein 1; TBC1 domain family, member 8A; vascular Rab-GAP/TBC-containing protein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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