tcag7.1071 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	tcag7.1071, Polyclonal Antibody
Full Product Name	tcag7.1071, CT (C7orf72, Uncharacterized protein C7orf72) (MaxLight 650)
Product Gene Name	anti-tcag7.1071 antibody
Product Synonym Gene Name	C7orf72
Product Synonym Names	C7orf72; Uncharacterized protein C7orf72
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
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: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	49,672 Da
3D Structure	ModBase 3D Structure for A4D263
Immunogen	tcag7.1071 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 417-438 amino acids from the C-terminal region of human tcag7.1071.
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-tcag7.1071 antibody	Antibodies; KIAA; orf
Applications Tested/Suitable for anti-tcag7.1071 antibody	Western Blot (WB), FLISA
Application Notes for anti-tcag7.1071 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-tcag7.1071 antibody	MaxLight650 is a new Far-IR stable dye conjugate comparable to Alexa Fluor647, DyLight649, Cy5 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (655nm); Emission (676nm); Extinction Coefficient 250,000.
Product References and Citations for anti-tcag7.1071 antibody	Rose, J. Phd, et al. Mol. Med. (2010). In press: Ganesh, S.K., et al. Nat. Genet. 41(11):1191-1198(2009). Han, J.W., et al. Nat. Genet. 41(11):1234-1237(2009). Potkin, S.G., et al. PLoS ONE 4 (8), E6501 (2009): Barrett, J.C., et al. Nat. Genet. 40(8):955-962(2008).
Other Notes	Small volumes of anti-tcag7.1071 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 tcag7.1071 purchase	MBS6354290 is an antibody targeting tcag7.1071. Also known as tcag7.1071, CT (C7orf72, Uncharacterized protein C7orf72) (MaxLight 650). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for tcag7.1071. It may not necessarily be applicable to this product.

NCBI GI #	240255432
NCBI GeneID	100130988
NCBI Accession #	NP_001155306.1
UniProt Primary Accession #	A4D263
UniProt Secondary Accession #	A6NDX9
UniProt Related Accession #	A4D263
GenBank Nucleotide #	NM_001161834.1
NCBI Official Full Name	hypothetical protein LOC100130988
NCBI Official Synonym Full Names	chromosome 7 open reading frame 72
NCBI Official Symbol	C7orf72
UniProt Protein Name	Spermatogenesis-associated protein 48
UniProt Gene Name	SPATA48
NCBI Protein Information	uncharacterized protein C7orf72
Research Articles on tcag7.1071	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
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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