CTEN Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CTEN, Polyclonal Antibody
Full Product Name	CTEN, NT (TNS4, CTEN, Tensin-4, C-terminal tensin-like protein) (MaxLight 405)
Product Gene Name	anti-CTEN antibody
Product Synonym Gene Name	TNS4
Product Synonym Names	TNS4; CTEN; Tensin-4; C-terminal tensin-like protein
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 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	80 kDa
OMIM	608385
3D Structure	ModBase 3D Structure for Q8IZW8
Immunogen	CTEN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 131-160 amino acids from the N-terminal region of human CTEN.
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-CTEN antibody	Antibodies; Signal Transduction
Applications Tested/Suitable for anti-CTEN antibody	Western Blot (WB), FLISA
Application Notes for anti-CTEN antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-CTEN antibody	TNS4 may be involved in cell migration, cartilage development and in linking signal transduction pathways to the cytoskeleton (By similarity). May promote apoptosis, via its cleavage by caspase-3.
Product References and Citations for anti-CTEN antibody	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010). Li, Y., et al. Prostate 70(1):48-60(2010). Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009). Liao, Y.C., et al. Cancer Res. 69(11):4563-4566(2009). Martuszewska, D., et al. PLoS ONE 4 (2), E4350 (2009).
Other Notes	Small volumes of anti-CTEN 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 CTEN purchase	MBS6289742 is an antibody targeting CTEN. Also known as CTEN, NT (TNS4, CTEN, Tensin-4, C-terminal tensin-like protein) (MaxLight 405). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	157738639
NCBI GeneID	84951
NCBI Accession #	NP_116254.4
UniProt Primary Accession #	Q8IZW8
UniProt Secondary Accession #	Q71RB7; Q8WV64; Q96JV4; A6NMJ7
UniProt Related Accession #	Q8IZW8
GenBank Nucleotide #	NM_032865.5
NCBI Official Full Name	tensin-4
NCBI Official Synonym Full Names	tensin 4
NCBI Official Symbol	TNS4
NCBI Official Synonym Symbols	CTEN; PP14434
UniProt Protein Name	Tensin-4
UniProt Synonym Protein Names	C-terminal tensin-like protein
Protein Family	Ctenidin
UniProt Gene Name	TNS4
UniProt Synonym Gene Names	CTEN
UniProt Entry Name	TENS4_HUMAN
NCBI Protein Information	tensin-4; C terminal tensin like; C-terminal tensin-like protein
UniProt Comments for CTEN	TNS4: May be involved in cell migration, cartilage development and in linking signal transduction pathways to the cytoskeleton. May promote apoptosis, via its cleavage by caspase-3. Protein type: Apoptosis Chromosomal Location of Human Ortholog: 17q21.2 Cellular Component: focal adhesion; cytoskeleton; cytoplasm Molecular Function: protein binding; actin binding Biological Process: protein localization; apoptosis
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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