Cathepsin Q (CTSQ) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Cathepsin Q (Ctsq), Polyclonal Antibody
Full Product Name	Cathepsin Q (Isoform CRA_a,CtsQ) (MaxLight 750)
Product Gene Name	anti-Ctsq antibody
Product Synonym Names	Cathepsin Q; isoform CRA_a,CtsQ
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
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: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	38705
3D Structure	ModBase 3D Structure for Q91ZF4
Immunogen	cathepsin Q antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from human cathepsin Q.
Conjugate	MaxLight750
Note	Preservative Free
Product Categories/Family for anti-Ctsq antibody	Antibodies; Cathepsin
Applications Tested/Suitable for anti-Ctsq antibody	Western Blot (WB), FLISA
Application Notes for anti-Ctsq antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-Ctsq antibody	MaxLight750 is a new Near IR stable dye conjugate comparable to DyLight750, Alexa Fluor700 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (759nm); Emission (780nm); Extinction Coefficient 240,000.
Other Notes	Small volumes of anti-Ctsq 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 Ctsq purchase	MBS6281011 is an antibody targeting Ctsq. Also known as Cathepsin Q (Isoform CRA_a,CtsQ) (MaxLight 750). Reactive in Mouse. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	27532972
NCBI GeneID	104002
NCBI Accession #	NP_083912.2
UniProt Primary Accession #	Q91ZF4
GenBank Nucleotide #	NM_029636.3
NCBI Official Full Name	cathepsin Q
NCBI Official Synonym Full Names	cathepsin Q
NCBI Official Symbol	Ctsq
NCBI Official Synonym Symbols	1600010J02Rik
UniProt Protein Name	Cathepsin Q
UniProt Synonym Protein Names	Cathepsin Q
Protein Family	Cathepsin
UniProt Gene Name	Ctsq
UniProt Entry Name	Q91ZF4_MOUSE
NCBI Protein Information	cathepsin Q
UniProt Comments for Ctsq	CSTQ: Cellular Component: extracellular space; lysosome Molecular Function: cysteine-type endopeptidase activity Biological Process: proteolysis involved in cellular protein catabolic process
Research Articles on Ctsq	**1.** The p53-cathepsin axis is the quintessential framework underlying necrotic cell death.
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