CEP78 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CEP78, Polyclonal Antibody
Full Product Name	CEP78 (Centrosomal Protein of 78kD, Cep78, CEP78, C9orf81) (MaxLight 750)
Product Gene Name	anti-CEP78 antibody
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 MaxLight750.
Purity/Purification	Purified
Specificity	Recognizes human CEP78. Species Crossreactivity: human
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	76,396 Da
Chromosome Location	Chromosome: 9; NC_000009.11 (80850991..80881983). Location: 9q21.2
3D Structure	ModBase 3D Structure for Q5JTW2
Immunogen	Synthetic peptide corresponding to human CEP78.
Conjugate	MaxLight750
Note	Preservative Free
Product Categories/Family for anti-CEP78 antibody	Antibodies; Centrosomal Proteins
Applications Tested/Suitable for anti-CEP78 antibody	Western Blot (WB)
Application Notes for anti-CEP78 antibody	WB: 1:1000 Applications are based on unconjugated antibody.
Related Product Information for anti-CEP78 antibody	MBS6455049 is an antibody targeting CEP78. Also known as CEP78 (Centrosomal Protein of 78kD, Cep78, CEP78, C9orf81) (MaxLight 750). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-CEP78 antibody	Humphray S.J., et al. Nature 429:369-374(2004). Ota T., et al. Nat. Genet. 36:40-45(2004). Andersen J.S., et al. Nature 426:570-574(2003). Gauci S., et al. Anal. Chem. 81:4493-4501(2009). Van Damme P., et al. Proc. Natl. Acad. Sci. U.S.A. 109:12449-12454(2012).
Other Notes	Small volumes of anti-CEP78 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 CEP78. It may not necessarily be applicable to this product.

NCBI GI #	149274621
NCBI GeneID	84131
NCBI Accession #	NP_001092272.1
UniProt Primary Accession #	Q5JTW2
UniProt Secondary Accession #	Q5BJE3; Q5JTW0; Q5JTW1; Q9H9N3; A1A4S8
UniProt Related Accession #	Q5JTW2
GenBank Nucleotide #	NM_001098802.1
NCBI Official Full Name	centrosomal protein of 78 kDa isoform a
NCBI Official Synonym Full Names	centrosomal protein 78kDa
NCBI Official Symbol	CEP78
NCBI Official Synonym Symbols	IP63; C9orf81
UniProt Protein Name	Centrosomal protein of 78 kDa
Protein Family	Centrosomal protein
UniProt Gene Name	CEP78
UniProt Synonym Gene Names	C9orf81; Cep78
UniProt Entry Name	CEP78_HUMAN
NCBI Protein Information	centrosomal protein of 78 kDa
UniProt Comments for CEP78	CEP78: Belongs to the CEP78 family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Unknown function Chromosomal Location of Human Ortholog: 9q21.2 Cellular Component: centrosome; cytosol Biological Process: organelle organization and biogenesis; mitotic cell cycle; G2/M transition of mitotic cell cycle
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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