CETN1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CETN1, Polyclonal Antibody
Full Product Name	CETN1 (Centrin-1, Caltractin Isoform 2, CEN1, CETN) (MaxLight 650)
Product Gene Name	anti-CETN1 antibody
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 MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CETN1. Species Crossreactivity: mouse.
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 amo conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	19,570 Da
OMIM	603187
3D Structure	ModBase 3D Structure for Q12798
Immunogen	Full length human CETN1, aa1-172 (NP_004057.1).
Immunogen Sequence	MASGFKKPSAASTGQKRKVAPKPELTEDQKQEVREAFDLFDVDGSGTIDAKELKVAMRALGFEPRKEEMKKMISEVDREGTGKISFNDFLAVMTQKMSE
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-CETN1 antibody	Antibodies; Nuclear Proteins
Applications Tested/Suitable for anti-CETN1 antibody	Western Blot (WB)
Application Notes for anti-CETN1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CETN1 antibody	Plays a fundamental role in microtubule-organizing center structure and function.

Other Notes	Small volumes of anti-CETN1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CETN1 purchase	MBS6373760 is an antibody targeting CETN1. Also known as CETN1 (Centrin-1, Caltractin Isoform 2, CEN1, CETN) (MaxLight 650). Reactive in Huma

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CETN1. It may not necessarily be applicable to this product.

NCBI GI #	4757974
NCBI GeneID	1068
NCBI Accession #	NP_004057.1
UniProt Primary Accession #	Q12798
UniProt Secondary Accession #	B2R536
UniProt Related Accession #	Q12798
GenBank Nucleotide #	NM_004066
NCBI Official Full Name	centrin-1
NCBI Official Synonym Full Names	centrin, EF-hand protein, 1
NCBI Official Symbol	CETN1
NCBI Official Synonym Symbols	CEN1; CETN
UniProt Protein Name	Centrin-1
UniProt Synonym Protein Names	Caltractin isoform 2
Protein Family	Centrin
UniProt Gene Name	CETN1
UniProt Synonym Gene Names	CEN1; CETN
UniProt Entry Name	CETN1_HUMAN
NCBI Protein Information	centrin-1; EF-hand protein; calcium binding protein; caltractin
NCBI Summary for CETN1	The protein encoded by this gene plays important roles in the determination of centrosome position and segregation, and in the process of microtubule severing. This protein is localized to the centrosome of interphase cells, and redistributes to the region of the spindle poles during mitosis, reflecting the dynamic behavior of the centrosome during the cell cycle. [provided by RefSeq, Jan 2015]
UniProt Comments for CETN1	CETN1: Plays a fundamental role in microtubule-organizing center structure and function. Belongs to the centrin family. Chromosomal Location of Human Ortholog: 18p11.32 Cellular Component: centriole; spindle pole; centrosome; photoreceptor connecting cilium Molecular Function: protein binding; microtubule binding; G-protein beta/gamma-subunit binding; calcium ion binding; heterotrimeric G-protein binding Biological Process: mitosis; cell division
Research Articles on CETN1	**1.** CETN1 is overexpressed in breast cancer tissue and promotes cells'proliferation, tumor growth and metastasis.

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