CALML3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CALML3, Polyclonal Antibody
Full Product Name	CALML3 (Calmodulin-like Protein 3, CaM-like Protein, CLP, Calmodulin-related Protein NB-1) (MaxLight 490)
Product Gene Name	anti-CALML3 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 MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CALML3.
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 buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	16,891 Da
OMIM	114184
3D Structure	ModBase 3D Structure for P27482
Immunogen	Full length human CALML3, aa1-149 (NP_005176.1).
Immunogen Sequence	MADQLTEEQVTEFKEAFSLFDKDGDGCITTRELGTVMRSLGQNPTEAELRDMMSEIDRDGNGTVDFPEFLGMMARKMKDTDNEEEIREAFRVFDKDGN
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-CALML3 antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-CALML3 antibody	Western Blot (WB)
Application Notes for anti-CALML3 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CALML3 antibody	May be similar to that of authentic calmodulin and may actually compete with calmodulin by binding, with different affinities, to cellular substrates.

Other Notes	Small volumes of anti-CALML3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CALML3 purchase	MBS6372009 is an antibody targeting CALML3. Also known as CALML3 (Calmodulin-like Protein 3, CaM-like Protein, CLP, Calmodulin-related Protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CALML3. It may not necessarily be applicable to this product.

NCBI GI #	4885111
NCBI GeneID	810
NCBI Accession #	NP_005176.1
UniProt Primary Accession #	P27482
UniProt Secondary Accession #	Q5SQI4; B2R9V6
UniProt Related Accession #	P27482
GenBank Nucleotide #	NM_005185.2
NCBI Official Full Name	calmodulin-like protein 3
NCBI Official Synonym Full Names	calmodulin-like 3
NCBI Official Symbol	CALML3
NCBI Official Synonym Symbols	CLP
UniProt Protein Name	Calmodulin-like protein 3
UniProt Synonym Protein Names	CaM-like protein; CLP; Calmodulin-related protein NB-1
Protein Family	Calmodulin-like protein
UniProt Gene Name	CALML3
UniProt Synonym Gene Names	CLP
UniProt Entry Name	CALL3_HUMAN
NCBI Protein Information	calmodulin-like protein 3; caM-like protein; calmodulin-related protein NB-1
UniProt Comments for CALML3	CALML3: May be similar to that of authentic calmodulin and may actually compete with calmodulin by binding, with different affinities, to cellular substrates. Belongs to the calmodulin family. Protein type: Calcium-binding Chromosomal Location of Human Ortholog: 10p15.1 Molecular Function: protein binding; calcium ion binding
Research Articles on CALML3	**1.** Increased CALML3 expression in suprabasal layers is characteristic for differentiating keratinocytes in normal epidermis, and nuclear expression of CALML3 inversely correlates with expression of the proliferation marker Ki-67.
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