CALML3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CALML3, Polyclonal Antibody
Full Product Name	CALML3 Rabbit pAb
Product Gene Name	anti-CALML3 antibody
Product Synonym Names	CLP
Immunogen Sequence	MADQLTEEQV TEFKEAFSLF DKDGDGCITT RELGTVMRSL GQNPTEAELR DMMSEIDRDG NGTVDFPEFL GMMARKMKDT DNEEEIREAF RVFDKDGNGF VSAAELRHVM TRLGEKLSDE EVDEMIRAAD TDGDGQVNYE EFVRVLVSK
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles. Ship: Ice Pack
Molecular Weight	16,891 Da
OMIM	114184
3D Structure	ModBase 3D Structure for P27482
Research Area	Signal Transduction, Cell Biology Developmental Biology, Cell Cycle, Centrosome, Neuroscience, Calcium Signaling, Neurodegenerative Diseases
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-149 of human CALML3 (NP_005176.1).
Product Categories/Family for anti-CALML3 antibody	Polyclonal Antibodies
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CALML3 antibody	Western Blot (WB)
Application Notes for anti-CALML3 antibody	WB: 1:500-1:2000
Related Product Information for anti-CALML3 antibody	Predicted to enable calcium ion binding activity and enzyme regulator activity. Predicted to be involved in regulation of catalytic activity. Located in extracellular exosome.
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 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 CALML3 purchase	MBS9145492 is an antibody targeting CALML3. Also known as CALML3 Rabbit pAb. Reactive in Human. Host: Rabbit.

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_005185.3
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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