

Rabbit CALML3 Polyclonal Antibody | anti-CALML3 antibody

CALML3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327888	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

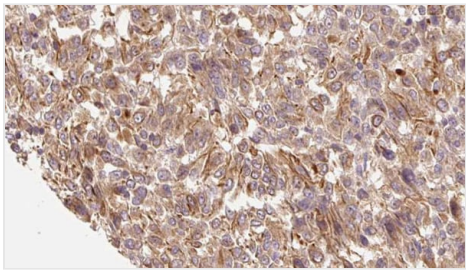
PRODUCT SYNONYMS

CALML3; Polyclonal Antibody; CALML3 Antibody; CALL3_HUMAN; Calmodulin like 3; Calmodulin related protein NB 1; Calmodulin-like protein 3; Calmodulin-related protein NB-1; CaM like protein; CaM-like protein; CLP; OTTHUMP00000019004; anti-CALML3 antibody

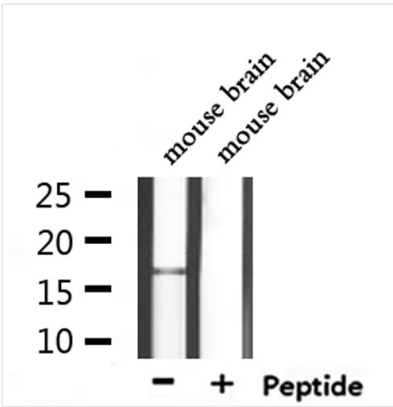
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CALML3 antibody detects endogenous levels of total CALML3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	149
Applicable Applications for anti-CALML3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CALML3
Tissue Specificity	Expressed in normal mammary, prostate, cervical, and epidermal tissues. It is greatly reduced or undetectable in transformed cells.
Predicted Cross Reactivity	Horse, Chicken
Similarity	Horse (80%), Chicken (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

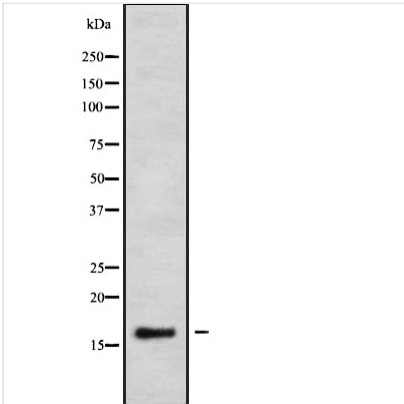
IMAGES



IHC (Immunohistochemistry)
AAA327888 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts from mouse brain, using CALML3 Antibody.



WB (Western Blot)
Western blot analysis of CALML3 using K562 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-CALML3 antibody

Function: May function as a specific light chain of unconventional myosin-10 (MYO10), also enhances MYO10 translation, possibly by acting as a chaperone for the emerging MYO10 heavy chain protein. May compete with calmodulin by binding, with different affinities, to cellular substrates.

Subunit Structure: Interacts with MYO10, the interaction is calcium-dependent and essential for MYO10 function in filopodial extension.

Similarity: Belongs to the calmodulin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885111
NCBI GeneID	810
NCBI Accession #	NP_005176.1
NCBI GenBank Nucleotide #	NM_005185.3
UniProt Accession #	P27482; Q5SQI4; B2R9V6
Molecular Weight	Observed: 17 kDa Predicted: 17 kDa
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
NCBI Protein Information	calmodulin-like protein 3
UniProt Protein Name	Calmodulin-like protein 3
UniProt Gene Name	CALML3
UniProt Synonym Gene Names	CLP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/calml3-antibody-immunohistochemistry-western-blot-elisa/327888>