Rabbit anti-Human, Rat Calmodulin Like Protein 3 Polyclonal Antibody | anti-CALML3 antibody

Calmodulin Like Protein 3 (CALML3) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21024	**Rabbit**	**Human, Rat**	**Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

Calmodulin Like Protein 3; Polyclonal Antibody; Calmodulin Like Protein 3 (CALML3) Polyclonal Antibody; CLP; Calmodulin-related protein NB-1; CaM-like protein; anti-CALML3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CALML3. It has been selected for its ability to recognize CALML3 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN3, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	149
Applicable Applications for anti-CALML3 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western Blot: 1:50-400 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Enzyme-linked Immunosorbent Assay: 1:100-200
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human, Rat
Organism Species	Human
Fragment	CALML3 (Met1~Lys149)
Quality Control	Content: The quality control contains recombinant CALML3 (Met1~Lys149) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescent (ECL). Note: The quality control is specifically manufactured as the positive control.Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN3 0.02%.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES

Knockout Validation
Knockout Validation: Lane 1: Wild-type A431 cell lysate; Lane 2: CALML3 knockout A431 cell lysate; Predicted MW: 16kd Observed MW: 16kd Primary Ab: 1ug/ml Rabbit Anti-Human CALML3 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human.

WB (Western Blot)
Western Blot: Sample: Lane1: Human A431 Cells; Lane2: Rat Skin Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CALML3 antibody	Knock-Out Validation Antibody

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	16,891 Da
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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