

Rabbit anti-Human, Rat CALML5 Polyclonal Antibody | anti-CALML5 antibody

CALML5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327889	Rabbit	Human, Rat	ELISA, Immunohistochemistry, Western Blot

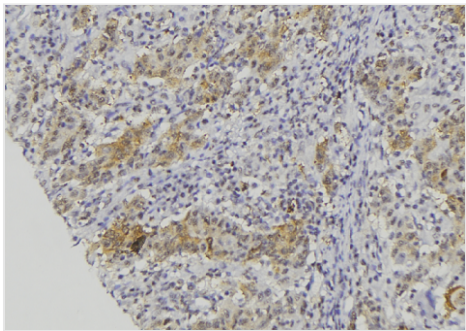
PRODUCT SYNONYMS

CALML5; Polyclonal Antibody; CALML5 Antibody; CALL5_HUMAN; Calmodulin like 5; Calmodulin-like protein 5; Calmodulin-like skin protein; CLSP; anti-CALML5 antibody

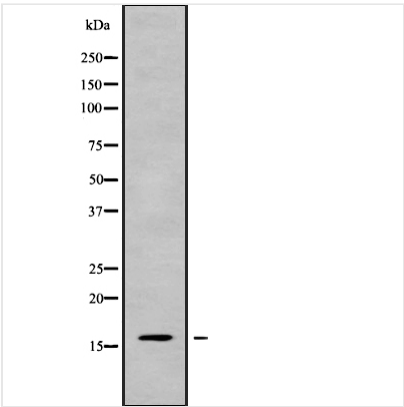
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CALML5 antibody detects endogenous levels of total CALML5
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	146
Applicable Applications for anti-CALML5 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CALML5
Tissue Specificity	Particularly abundant in the epidermis where its expression is directly related to keratinocyte differentiation. Very low expression in lung.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327889 at 1/100 staining Human lung cancer 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 CALML5 using MCF7 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-CALML5 antibody	Function: Binds calcium. May be involved in terminal differentiation of keratinocytes. Subunit Structure: Associates with transglutaminase 3.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223278387
NCBI GeneID	51806
NCBI Accession #	NP_059118.2
NCBI GenBank Nucleotide #	NM_017422.4
UniProt Accession #	Q9NZT1; Q5SQI3; Q8IXU8
Molecular Weight	Observed: 16 kDa Predicted: 16 kDa
NCBI Official Full Name	calmodulin-like protein 5
NCBI Official Synonym Full Names	calmodulin like 5
NCBI Official Symbol	CALML5
NCBI Official Synonym Symbols	CLSP
NCBI Protein Information	calmodulin-like protein 5
UniProt Protein Name	Calmodulin-like protein 5
UniProt Gene Name	CALML5
UniProt Synonym Gene Names	CLSP

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.