

Rabbit Calcium Modulating Ligand Polyclonal Antibody | anti-CAMLG antibody

Calcium Modulating Ligand (CAMLG) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145169	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Calcium Modulating Ligand; Polyclonal Antibody; Calcium Modulating Ligand (CAMLG) Polyclonal Antibody; CAML; Calcium Signal-Modulating Cyclophilin Ligand; Calcium-Signal Modulating Cyclophilin Ligand; Cyclophilin B-Binding Protein; anti-CAMLG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CAMLG. It has been selected for its ability to recognize CAMLG in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	296
Applicable Applications for anti-CAMLG antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human, Mouse, Rat
Organism Species	Human
Fragment	CAMLG (Gly19~Glu184)
Quality Control	Content: The quality control contains recombinant CAMLG (Gly19~Glu184) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (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%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
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 Jurkat cell lysate; Lane 2: CAMLG knockout Jurkat cell lysate; Predicted MW: 33kd Observed MW: 37kd Primary Ab: 1ug/ml Rabbit Anti-Human CAMLG Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemisry)

DAB staining on fromalin fixed paraffin- embedded Kidney tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.



WB (Western Blot)

Western Blot: Sample: Human HepG2 cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Human CAMLG Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-CAMLG antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502559
NCBI GeneID	819
NCBI Accession #	NP_001736.1
NCBI GenBank Nucleotide #	NM_001745.3
UniProt Accession #	P49069; A1L3Y3
Molecular Weight	32,953 Da
NCBI Official Full Name	calcium signal-modulating cyclophilin ligand
NCBI Official Synonym Full Names	calcium modulating ligand
NCBI Official Symbol	CAMLG
NCBI Official Synonym Symbols	CAML; GET2
NCBI Protein Information	calcium signal-modulating cyclophilin ligand
UniProt Protein Name	Calcium signal-modulating cyclophilin ligand
UniProt Gene Name	CAMLG
UniProt Synonym Gene Names	CAML; CAML

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.