

CAMLG Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5885c**Specification**

CAMLG Antibody (Center) - Product Information

Application	WB, FC,E
Primary Accession	P49069
Other Accession	NP_001736.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	32953
Antigen Region	111-138

CAMLG Antibody (Center) - Additional Information**Gene ID** 819**Other Names**

Calcium signal-modulating cyclophilin ligand, CAML, CAMLG, CAML

Target/Specificity

This CAMLG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 111-138 amino acids from the Central region of human CAMLG.

Dilution

WB~~1:1000

FC~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CAMLG Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

CAMLG Antibody (Center) - Protein Information**Name** CAMLG ([HGNC:1471](#))**Function** Required for the post-translational delivery of tail-anchored (TA) proteins to the

endoplasmic reticulum (PubMed:[23041287](#), PubMed:[24392163](#), PubMed:[27226539](#)). Together with GET1/WRB, acts as a membrane receptor for soluble GET3/TRC40, which recognizes and selectively binds the transmembrane domain of TA proteins in the cytosol (PubMed:[23041287](#), PubMed:[24392163](#), PubMed:[27226539](#)). Required for the stability of GET1 (PubMed:[32187542](#)). Stimulates calcium signaling in T cells through its involvement in elevation of intracellular calcium (PubMed:[7522304](#)). Essential for the survival of peripheral follicular B cells (By similarity).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

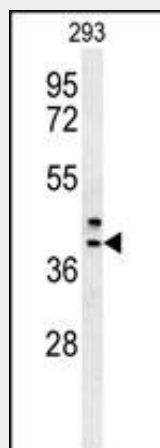
Tissue Location

Ubiquitous. Highest levels in brain, testis and ovary

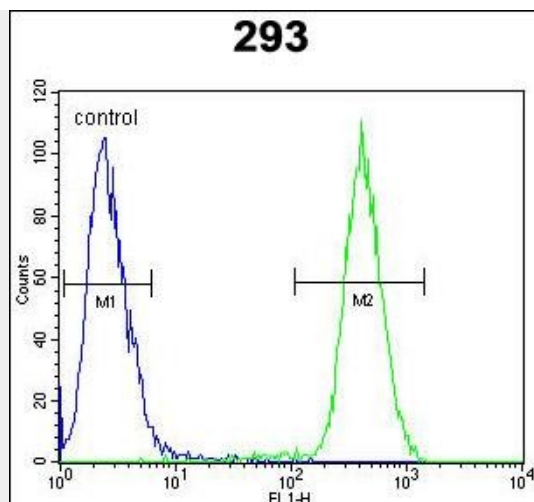
CAMLG Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CAMLG Antibody (Center) - Images

CAMLG Antibody (Center) (Cat. #AP5885c) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the CAMLG antibody detected the CAMLG protein (arrow).



CAMLG Antibody (Center) (Cat. #AP5885c) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.