

CAMLG Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5885c**Specification**

CAMLG Antibody (Center) Blocking peptide - Product Information

Primary Accession [P49069](#)
Other Accession [NP_001736.1](#)

CAMLG Antibody (Center) Blocking peptide - Additional Information

Gene ID 819

Other Names

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CAMLG Antibody (Center) Blocking peptide - Protein Information

Name CAMLG ([HGNC:1471](#))

Function

Required for the post-translational delivery of tail-anchored (TA) proteins to the endoplasmic reticulum (PubMed: [23041287](http://www.uniprot.org/citations/23041287), PubMed: [24392163](http://www.uniprot.org/citations/24392163), PubMed: [27226539](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/23041287), PubMed: [24392163](http://www.uniprot.org/citations/24392163), PubMed: [27226539](http://www.uniprot.org/citations/27226539)). Required for the stability of GET1 (PubMed: [32187542](http://www.uniprot.org/citations/32187542)). Stimulates calcium signaling in T cells through its involvement in elevation of intracellular calcium (PubMed: [7522304](http://www.uniprot.org/citations/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) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CAMLG Antibody (Center) Blocking peptide - Images