



CAMLG Polyclonal Antibody

Catalog No	YP-Ab-05393
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	CAMLG CAML
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CAMLG Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	calcium modulating ligand;Calcium signal-modulating cyclophilin ligand;CAML; GET2;Guided entry of tail-anchored proteins factor CAMLG;CAMLG;CAMLG CAML;Calcium signal-modulating cyclophilin ligand (CAML)
Observed Band	32kD
Calculated Molecular Weight	32kD
Cell Pathway	Endoplasmic reticulum membrane ; Multi-pass membrane protein .
Tissue Specificity	Ubiquitous. Highest levels in brain, testis and ovary.
Function	function:Likely involved in the mobilization of calcium as a result of the TCR/CD3 complex interaction. Binds to cyclophilin B.,subunit:The N-terminal domain binds to TNFRSF13B/TACI.,tissue specificity:Ubiquitous. Highest levels in brain, testis and ovary.,
Background	The immunosuppressant drug cyclosporin A blocks a calcium-dependent signal from the T-cell receptor (TCR) that normally leads to T-cell activation. When bound to cyclophilin B, cyclosporin A binds and inactivates the key signaling intermediate calcineurin. The protein encoded by this gene functions similarly to cyclosporin A, binding to cyclophilin B and acting downstream of the TCR and upstream of calcineurin by causing an influx of calcium. This integral membrane



protein appears to be a new participant in the calcium signal transduction pathway, implicating cyclophilin B in calcium signaling, even in the absence of cyclosporin. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

