

Product datasheet for TA356712

CAMLG Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human CAMLG
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Yeast Homology: Cow: 100%; Dog: 93%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 86%; Pig: 93%; Rabbit: 79%; Rat: 93%; Yeast: 90%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	32kDa
Gene Name:	calcium modulating ligand
Database Link:	NP_001736 Entrez Gene 819 Human P49069



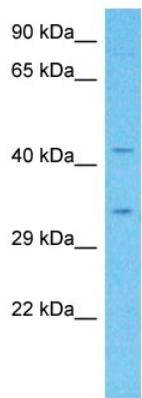
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Background:

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.

Synonyms:

CAML; MGC163197

Product images:

Host: Rabbit
Target Name: CAMLG
Sample Tissue: Fetal Liver Lysate
Antibody Dilution: 1.0µg/ml

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