

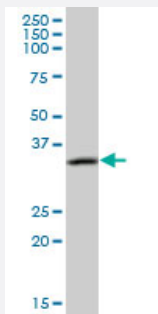
MaxPab®

CAMLG purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000819-B01P

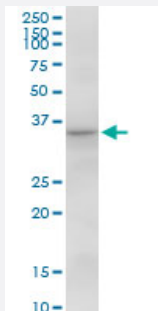
Size 50 ug

Applications



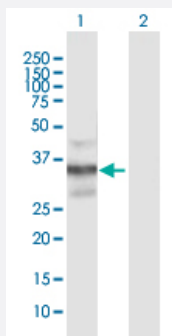
Western Blot (Tissue lysate)

CAMLG MaxPab polyclonal antibody. Western Blot analysis of CAMLG expression in rat brain.



Western Blot (Cell lysate)

CAMLG MaxPab polyclonal antibody. Western Blot analysis of CAMLG expression in A-431.



Western Blot (Transfected lysate)

Western Blot analysis of CAMLG expression in transfected 293T cell line ([H00000819-T01](#)) by CAMLG MaxPab polyclonal antibody.

Lane 1: CAMLG transfected lysate(32.56 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CAMLG protein.

Immunogen	CAMLG (NP_001736.1, 1 a.a. ~ 296 a.a) full-length human protein.
Sequence	MESMAVATDGGERPAGSGLSASQRRRAELRRRKLLMNSEQRINRMGFHRPGSGAEEESQT KSKQQDSDKLNSLSVPSVSKRVVLGDSVSTGTDDQQGGVAEVKGTQLGDKLDSFIKPPECSSD VNLELRQRNRGDLTADSVQRGSRHGLEQYLSRFEEAMKLRKQLISEKPSQEDGNTTEEFDSFRIF RLVGCALLALGVRAFVCKYLSIFAPFLTLQLAYMGLYKYFPKSEKKIKTTVLTAALLLSGIPAEVINRS MDTYSKMGEVFTDLCVYFFTFIFCHELLDYWGSEVP
Host	Mouse
Reactivity	Human, Rat
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

CAMLG MaxPab polyclonal antibody. Western Blot analysis of CAMLG expression in rat brain.

[Protocol Download](#)

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[Protocol Download](#)

Gene Info — CAMLG

Entrez GeneID

[819](#)

GeneBank Accession#

[NM_001745.2](#)

Protein Accession#	NP_001736.1
Gene Name	CAMLG
Gene Alias	CAML, MGC163197
Gene Description	calcium modulating ligand
Omim ID	601118
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	calcium-modulating cyclophilin ligand calcium-signal modulating cyclophilin ligand cyclophilin B-binding protein

Disease

- [Coronary Artery Disease](#)
- [Genetic Predisposition to Disease](#)