

## CMIP Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20244b

### Product Information

---

<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q8IY22</a>
<b>Other Accession</b>	<a href="#">A1L3F5</a> , <a href="#">Q9D486</a> , <a href="#">NP_085132.1</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Mouse, Xenopus
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB42683
<b>Calculated MW</b>	86331
<b>Antigen Region</b>	735-764

### Additional Information

---

<b>Gene ID</b>	80790
<b>Other Names</b>	C-Maf-inducing protein, c-Mip, Truncated c-Maf-inducing protein, Tc-Mip, CMIP, KIAA1694, TCMIP
<b>Target/Specificity</b>	This CMIP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 735-764 amino acids from the C-terminal region of human CMIP.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	CMIP Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

---

<b>Name</b>	CMIP
<b>Synonyms</b>	KIAA1694, TCMIP

<b>Function</b>	Plays a role in T-cell signaling pathway. Isoform 2 may play a role in T-helper 2 (Th2) signaling pathway and seems to represent the first proximal signaling protein that links T-cell receptor-mediated signal to the activation of c-Maf Th2 specific factor.
<b>Cellular Location</b>	Nucleus. Cytoplasm. Note=Isoform 2 is translocated to the nucleus and is specifically recruited during minimal change nephrotic syndrome (MCNS) (PubMed:12939343, PubMed:15616553). Detected in nuclear and cytoplasmic compartments during MCNS relapse (PubMed:12939343, PubMed:15616553). Expressed in cytoplasm only during MCNS remission and absent in normal patients (PubMed:12939343)
<b>Tissue Location</b>	Isoform 1 is expressed in peripheral blood mononuclear cells and kidney. Lower expression in brain and liver Expression is down-regulated in activated cells. Isoform 2 is expressed in lymphocyte precursors, however, expression shuts down during maturation and differentiation in thymus and fetal liver

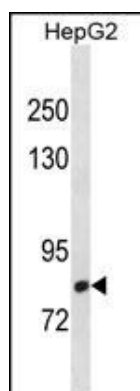
## Background

CMIP plays a role in T-cell signaling pathway. Isoform 2 may play a role in T-helper 2 (Th2) signaling pathway and seems to represent the first proximal signaling protein that links T-cell receptor-mediated signal to the activation of c-Maf Th2 specific factor.

## References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :  
Audard, V., et al. Blood 115(18):3756-3762(2010)  
Kamal, M., et al. FEBS Lett. 584(3):500-506(2010)  
Zhang, S.Y., et al. Sci Signal 3 (122), RA39 (2010) :  
Newbury, D.F., et al. Am. J. Hum. Genet. 85(2):264-272(2009)

## Images



CMIP Antibody (C-term) (Cat. #AP20244b) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the CMIP antibody detected the CMIP protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.