

CMIP Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20244b

Product Information

Application	WB, E
Primary Accession	Q8IY22
Other Accession	A1L3F5 , Q9D486 , NP_085132.1
Reactivity	Human
Predicted	Mouse, Xenopus, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB42683
Calculated MW	86331
Antigen Region	735-764

Additional Information

Gene ID	80790
Other Names	C-Maf-inducing protein, c-Mip, Truncated c-Maf-inducing protein, Tc-Mip, CMIP, KIAA1694, TCMIP
Target/Specificity	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.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	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.
Storage	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.
Precautions	CMIP Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CMIP
Synonyms	KIAA1694, TCMIP

Function	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.
Cellular Location	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)
Tissue Location	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

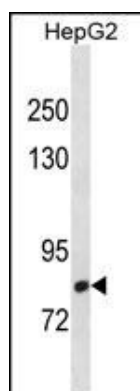
Background

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'.