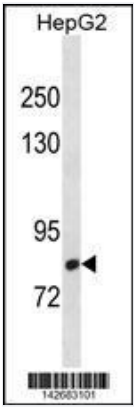
CMIP Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CMIP, Polyclonal Antibody
Full Product Name	CMIP, CT (CMIP, KIAA1694, TCMIP, C-Maf-inducing protein, Truncated c-Maf-inducing protein) (FITC)
Product Gene Name	anti-CMIP antibody
Product Synonym Names	CMIP; KIAA1694; TCMIP; C-Maf-inducing protein; Truncated c-Maf-inducing protein
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	69,288 Da
OMIM	610112
3D Structure	ModBase 3D Structure for Q8IY22
Immunogen	CMIP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 701-780 amino acids from the C-terminal region of human CMIP.
Conjugate	FITC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-CMIP antibody	Antibodies; KIAA; orf
Applications Tested/Suitable for anti-CMIP antibody	Western Blot (WB), FLISA
Application Notes for anti-CMIP antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-CMIP antibody	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.
Product References and Citations for anti-CMIP antibody	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).

Other Notes	Small volumes of anti-CMIP antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CMIP purchase	MBS6287023 is an antibody targeting CMIP. Also known as CMIP, CT (CMIP, KIAA1694, TCMIP, C-Maf-inducing protein, Truncated c-Maf-inducing protein) (FITC). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-CMIP antibody
CMIP Antibody (C-term) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the CMIP antibody detected the CMIP protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CMIP. It may not necessarily be applicable to this product.

NCBI GI #	29789255
NCBI GeneID	80790
NCBI Accession #	NP_085132.1
UniProt Primary Accession #	Q8IY22
UniProt Secondary Accession #	Q9C0G9
UniProt Related Accession #	Q8IY22
GenBank Nucleotide #	NM_030629.2
NCBI Official Full Name	C-Maf-inducing protein isoform Tc-Mip
NCBI Official Synonym Full Names	c-Maf inducing protein
NCBI Official Symbol	CMIP
NCBI Official Synonym Symbols	TCMIP
UniProt Protein Name	C-Maf-inducing protein
UniProt Synonym Protein Names	Truncated c-Maf-inducing protein; Tc-Mip
Protein Family	C-Maf-inducing protein
UniProt Gene Name	CMIP
UniProt Synonym Gene Names	KIAA1694; TCMIP; c-Mip; Tc-Mip
NCBI Protein Information	C-Maf-inducing protein
NCBI Summary for CMIP	This gene encodes a c-Maf inducing protein that plays a role in T-cell signaling pathway. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011]

UniProt Comments for 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.
Research Articles on CMIP	**1.** These findings suggest that CMIP haploinsufficiency is the likely cause of syndromic Autism spectrum disorder in our patients.
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