MPPED2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MPPED2, Polyclonal Antibody
Full Product Name	MPPED2, CT (MPPED2, C11orf8, FAM1B, Metallophosphoesterase MPPED2, Fetal brain protein 239, Metallophosphoesterase domain-containing protein 2) (MaxLight 750)
Product Gene Name	anti-MPPED2 antibody
Product Synonym Names	MPPED2; C11orf8; FAM1B; Metallophosphoesterase MPPED2; Fetal brain protein 239; Metallophosphoesterase domain-containing protein 2
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 MaxLight750.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
OMIM	600911
3D Structure	ModBase 3D Structure for Q15777
Immunogen	MPPED2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 223-251 amino acids from the C-terminal region of human MPPED2.
Conjugate	MaxLight750
Note	Preservative Free
Product Categories/Family for anti-MPPED2 antibody	Antibodies; KIAA; orf
Applications Tested/Suitable for anti-MPPED2 antibody	Western Blot (WB), FLISA
Application Notes for anti-MPPED2 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-MPPED2 antibody	This gene likely encodes a metallophosphoesterase. The encoded protein may play a role a brain development. Alternatively spliced transcript variants have been described. [provided by RefSeq].
Product References and Citations for anti-MPPED2 antibody	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010): Trynka, G., et al. Gut 58(8):1078-1083(2009). Lamesch, P., et al. Genomics 89(3):307-315(2007). Schwartz, F., et al. Gene 194(1):57-62(1997). Schwartz, F., et al. Genomics 29(2):526-532(1995).
Other Notes	Small volumes of anti-MPPED2 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 MPPED2 purchase	MBS6321986 is an antibody targeting MPPED2. Also known as MPPED2, CT (MPPED2, C11orf8, FAM1B, Metallophosphoesterase MPPED2, Fetal brain protein 239, Metallophosphoesterase domain-containing protein 2) (MaxLight 750). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MPPED2. It may not necessarily be applicable to this product.

NCBI GI #	4502485
NCBI GeneID	744
NCBI Accession #	NP_001575.1
UniProt Primary Accession #	Q15777
UniProt Related Accession #	Q15777
GenBank Nucleotide #	NP_001575.1
NCBI Official Full Name	metallophosphoesterase MPPED2 isoform 1
NCBI Official Synonym Full Names	metallophosphoesterase domain containing 2
NCBI Official Symbol	MPPED2
NCBI Official Synonym Symbols	239FB; C11orf8
UniProt Protein Name	Metallophosphoesterase MPPED2
UniProt Synonym Protein Names	Fetal brain protein 239; 239FB; Metallophosphoesterase domain-containing protein 2
Protein Family	Metallophosphoesterase
UniProt Gene Name	MPPED2
UniProt Synonym Gene Names	C11orf8; FAM1B; 239FB
UniProt Entry Name	MPPD2_HUMAN
NCBI Protein Information	metallophosphoesterase MPPED2
NCBI Summary for MPPED2	This gene likely encodes a metallophosphoesterase. The encoded protein may play a role a brain development. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2009]
UniProt Comments for MPPED2	MPPED2: Displays low metallophosphoesterase activity (in vitro). May play a role in the development of the nervous system. Belongs to the UPF0046 family. Protein type: EC 3.1.-.- Chromosomal Location of Human Ortholog: 11p13 Molecular Function: hydrolase activity; metal ion binding Biological Process: nervous system development; metabolic process
Research Articles on MPPED2	**1.** Findings indicate that epigenetic alterations of MPPED2 promoter region appear sequentially during the colorectal neoplastic progression.
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