MPPD2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MPPD2, Polyclonal Antibody
Full Product Name	MPPD2 rabbit pAb
Product Gene Name	anti-MPPD2 antibody
Product Synonym Gene Name	MPPED2; C11orf8; FAM1B
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Preparation and Storage	Store at -20 degree C for ~1 year
Molecular Weight	31,507 Da
OMIM	600911
3D Structure	ModBase 3D Structure for Q15777
Product Categories/Family for anti-MPPD2 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MPPD2 antibody	Western Blot (WB)
Application Notes for anti-MPPD2 antibody	WB: 1:1000-2000
Related Product Information for anti-MPPD2 antibody	MBS8599816 is an antibody targeting MPPD2. Also known as MPPD2 rabbit pAb. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-MPPD2 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MPPD2. It may not necessarily be applicable to this product.

NCBI GI #	223972683
NCBI GeneID	744
NCBI Accession #	NP_001138871.1
UniProt Primary Accession #	Q15777
UniProt Secondary Accession #	Q59GE6; D3DQZ5; E9PB10
UniProt Related Accession #	Q15777

GenBank Nucleotide #	NM_001145399.1
NCBI Official Full Name	metallophosphoesterase MPPED2 isoform 2
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
UniProt Gene Name	MPPED2
UniProt Synonym Gene Names	C11orf8; FAM1B; 239FB
UniProt Entry Name	MPPD2_HUMAN
NCBI Protein Information	metallophosphoesterase MPPED2; fetal brain protein 239; metallophosphoesterase domain-containing protein 2
NCBI Summary for MPPD2	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 MPPD2	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 MPPD2	**1.** The overexpression of Mpped2 improves survival rate, substantially impairs tumor growth and induces neuronal differentiation.
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