MPPED2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MPPED2, Polyclonal Antibody
Full Product Name	MPPED2 Conjugated Antibody
Product Gene Name	anti-MPPED2 antibody
Product Synonym Names	239FB; C11orf8
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total MPPED2 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	31,507 Da
OMIM	600911
3D Structure	ModBase 3D Structure for Q15777
Immunogen	Full length fusion protein
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-MPPED2 antibody	Most Applications
Application Notes for anti-MPPED2 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
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.
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	MBS9455011 is an antibody targeting MPPED2. Also known as MPPED2 Conjugated Antibody. 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 #	21595068
NCBI GeneID	744
NCBI Accession #	BC031582
UniProt Primary Accession #	Q15777
UniProt Secondary Accession #	Q59GE6; D3DQZ5; E9PB10
UniProt Related Accession #	Q15777
NCBI Official Full Name	Homo sapiens metallophosphoesterase domain containing 2, mRNA
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
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.** The overexpression of Mpped2 improves survival rate, substantially impairs tumor growth and induces neuronal differentiation.
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