

Product Datasheet

MPPED2 Antibody - BSA Free

NBP1-80499

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-80499

MPPED2 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose

Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	744
Gene Symbol	MPPED2
Species	Human
Immunogen	Synthetic peptide directed towards the C terminal of human MPPED2. Peptide sequence PKLHVFGGIHEGYGIMTDGYTTYINASTCTVSFQPTNPPIIFDLPNPQGS. The peptide sequence for this immunogen was taken from within the described region.

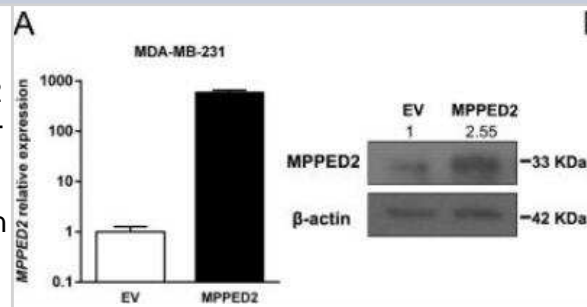
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1.0 ug/ml



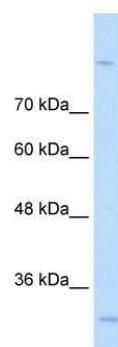
Images

Western Blot: MPPED2 Antibody [NBP1-80499] - MPPED2 reduces cell proliferation of breast carcinoma cell lines. qRT-PCR (left panel) performed in MDA-MB-231 and SKBR3 cells stably expressing MPPED2 or carrying the corresponding empty vector (EV). Data are reported as $2^{-\Delta\Delta Ct}$ values \pm SD, compared to the EV, set equal to 1.

Western blot (right panel) analysis confirming the expression of MPPED2. beta-actin was used to normalize the amount of loaded protein (left panel). Densitometric analysis was performed by using ImageJ software to evaluate MPPED2 protein expression compared to EV, set equal to 1. Original blots were shown in Supplementary Materials Figure S5. Image collected and cropped by CiteAb from the following publication (<https://www.mdpi.com/2072-6694/11/6/797>) licensed under a CC-BY license.



Western Blot: MPPED2 Antibody [NBP1-80499] - A204 cell lysate, concentration 0.2-1 ug/ml.



Publications

Pellecchia S, De Martino M, Esposito F et al. MPPED2 is downregulated in glioblastoma, and its restoration inhibits proliferation and increases the sensitivity to temozolomide of glioblastoma cells Cell cycle (Georgetown, Tex.) 2021-03-18 [PMID: 33734003]

Pellecchia S, Sepe R, Federico A et al. The Metallophosphoesterase-Domain-Containing Protein 2 (MPPED2) Gene Acts as Tumor Suppressor in Breast Cancer Cancers (Basel) 2019-06-08 [PMID: 31181813] (WB, Human)



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Products Related to NBP1-80499

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-23229	Recombinant Human MPPED2 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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