

Anti-MMP3 Rabbit Monoclonal Antibody

Catalog Number: M00775

About MMP3

Dynamin-related GTPase required for mitochondrial fusion and regulation of apoptosis. May form a diffusion barrier for proteins stored in mitochondrial cristae. Proteolytic processing in response to intrinsic apoptotic signals may lead to disassembly of OPA1 oligomers and release of the caspase activator cytochrome C (CYCS) into the mitochondrial intermembrane space.

Overview

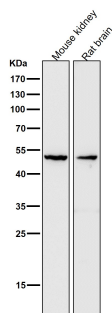
Product Name	Anti-MMP3 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-MMP3 Rabbit Monoclonal Antibody catalog # M00775. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal BBO-13
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P08254

Technical Details

Immunogen	A synthesized peptide derived from human MMP3
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200
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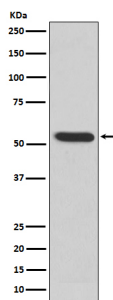
Anti-MMP3 Rabbit Monoclonal Antibody (M00775) Images



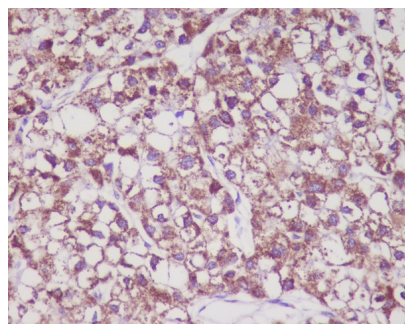
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Immunofluorescent analysis of HeLa cells, using MMP3 Antibody.



Western blot analysis of MMP3 expression in MMP3 recombinant protein.



Immunohistochemical analysis of paraffin-embedded human liver cancer, using MMP3 Antibody.

7 Publications Citing This Product

1. PubMed ID: -, Xiong W,Wu L,Tang R,Zhang Q,Guo Q,Song S.Grape Seed Proanthocyanidins (GSPs) Inhibit the Development of Cutaneous Squamous Cell Carcinoma by Regulating the hsa_circ_0070934/miR-136-5p/PRAF2 Axis.Cancer Manag Res.2021;13:4359-4371<https://doi.org/10.2147/CMAR.S302084>

2. PubMed ID: ,

3. PubMed ID: 33130473, Sun K,Luo J,Jing X,Xiang W,Guo J,Yao X,Liang S,Guo F,Xu T.Hyperoside ameliorates the progression of osteoarthritis: An in vitro and in vivo study.Phytomedicine.2020 Oct 14;80:153387.doi:10.1016/j.phymed.2020. 153387.Epub ahead of print.PMID:33130473.

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