

For Research Use Only

GMPR 1/2 Recombinant monoclonal antibody

Catalog Number: 86918-1-RR



Basic Information

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| Catalog Number: 86918-1-RR | GenBank Accession Number: BC008281 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 2766 | CloneNo.: 251923G7 |
| Source: Rabbit | UNIPROT ID: P36959 | Recommended Dilutions: WB: 1:5000-1:50000 |
| Isotype: IgG | Full Name: guanosine monophosphate reductase | |
| Immunogen Catalog Number: AG8185 | Calculated MW: 345 aa, 37 kDa | |
| | Observed MW: 37-40 kDa | |

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : mouse skeletal muscle tissue, rat skeletal muscle tissue, mouse skin tissue, rat skin tissue

Background Information

GMPR (Guanosine monophosphate reductase) catalyzes the irreversible NADPH-dependent reductive deamination of guanosine monophosphate (GMP) to inosine monophosphate (IMP). GMPR is able to convert guanosine nucleotides to the pivotal precursor of both guanine (G) and adenine (A) nucleotides. It plays an important role in maintaining the intracellular balance of A and G nucleotides. This antibody can recognize both GMPR1 and GMPR2 due to the high homology.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

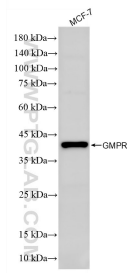
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

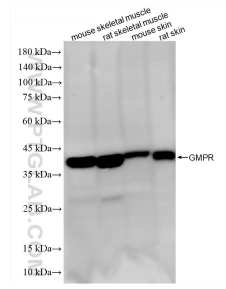
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86918-1-RR (GMPR antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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