

GMPS Rabbit pAb

Catalog No.: A6606

1 Publications

Basic Information

Observed MW

80kDa

Calculated MW

77kDa

Category

Primary antibody

Applications

WB,IP,ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

In the de novo synthesis of purine nucleotides, IMP is the branch point metabolite at which point the pathway diverges to the synthesis of either guanine or adenine nucleotides. In the guanine nucleotide pathway, there are 2 enzymes involved in converting IMP to GMP, namely IMP dehydrogenase (IMPD1), which catalyzes the oxidation of IMP to XMP, and GMP synthetase, which catalyzes the amination of XMP to GMP.

Recommended Dilutions

WB 1:500 - 1:2000

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on your
specific assay requirements.

Immunogen Information

Gene ID

8833

Swiss Prot

P49915

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

GATD7; GMPS

Contact

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Product Information

Source

Rabbit

Isotype

IgG

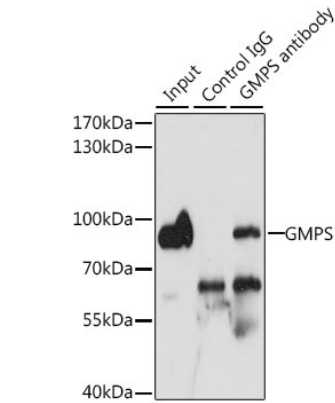
Purification

Affinity purification

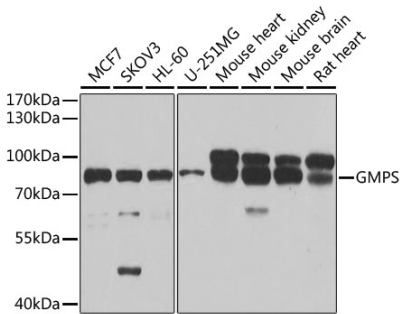
Storage

Store at -20°C

Validation Data



Immunoprecipitation analysis of 200 µg extracts of MCF-7 cells, using 3 µg GMPS antibody (A6606). Western blot was performed from the immunoprecipitate using GMPS antibody (A6606) at a dilution of 1:1000.



Western blot analysis of various lysates using GMPS Rabbit pAb (A6606) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.