## **GMPS Rabbit Polyclonal Antibody**



## **CAB6606**

**Product Information** 

Size:

20uL, 50uL, 100uL, 200uL

**Observed MW:** 

80kDa

**Calculated MW:** 

65kDa/76kDa

**Applications:** 

WB IP

Reactivity:

Human, Mouse, Rat

**Protein 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.

Immunogen information

**Gene ID:** 8833

Uniprot P49915

Synonyms:

GMPS; GATD7

**Antibody Information** 

**Recommended dilutions:** 

WB 1:500 - 1:2000 IP 1:50 -

1:100

Source:

Rabbit

Isotype:

IgG

Immunogen:

Recombinant fusion protein containing a sequence corresponding

to amino acids 394-693 of human GMPS (NP\_003866.1).

Storage:

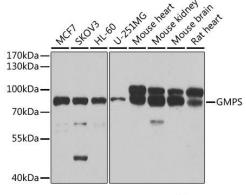
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

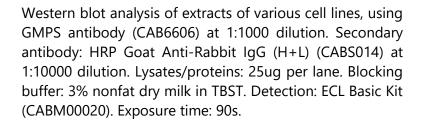
sodium azide, 50% glycerol, pH7.3.

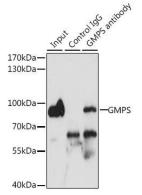
**Purification:** 

Affinity purification

## **Product Images**







Immunoprecipitation analysis of 200ug extracts of MCF-7 cells, using 3 ug GMPS antibody (CAB6606). Western blot was performed from the immunoprecipitate using GMPS antibody (CAB6606) at a dilition of 1:1000.