

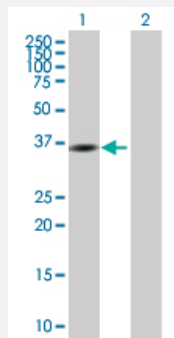
MaxPab®

GMPR purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002766-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of GMPR expression in transfected 293T cell line ([H00002766-T01](#)) by GMPR MaxPab polyclonal antibody.

Lane 1: GMPR transfected lysate(37.95 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human GMPR protein.

Immunogen

GMPR (NP_006868.2, 1 a.a. ~ 345 a.a) full-length human protein.

Sequence

MPRIDADLKLDKDFKDVLLRPKRSSLKSRAEVDLERTFTFRNSKQTYSGIPIVANMDTVGTFEMAAV
MSQHSMTAIHKHYSLLDDWKLAFATNHPECLQNVAVSSGSGQNDLEKMTSILEAVPQVKFICLDVA
NGYSEHFVEFVKLVRAKFPEHTIMAGNVVTGEMVEELILSGADIKVGVGPGSVCTTRTKTGVGYP
QLSAVIECADSAHGLKGHIISDGGCTCPGDVAKAFGAGADFVMLGGMFSGHTECAGEVIERNR
KLKLFYGMSSDTAMNKHAGGVAEYRASEGKTVEVPYKGDVENTILDILGGLRSTCTVGAACLKE
LSRRATFIRVTQQHNTVFS

Host

Mouse

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — GMPR

Entrez GeneID [2766](#)

GeneBank Accession# [NM_006877.2](#)

Protein Accession# [NP_006868.2](#)

Gene Name GMPR

Gene Alias GMPR1

Gene Description guanosine monophosphate reductase

Omim ID [139265](#)

Gene Ontology [Hyperlink](#)

Gene Summary Guanosine monophosphate reductase (EC 1.7.1.7) catalyzes the irreversible NADPH-dependent reductive deamination of guanosine monophosphate (GMP) to inosine monophosphate (IMP). G MPR 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.[supplied by OMIM]

Other Designations OTTHUMP00000016064|guanine monophosphate reductase

Pathway

- [Purine metabolism](#)

Disease

- [Coronary Artery Disease](#)