

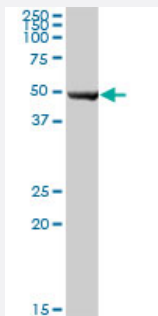
MaxPab®

# NAPRT1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00093100-B01P

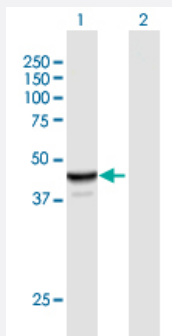
Size 50 ug

## Applications



### Western Blot (Tissue lysate)

NAPRT1 MaxPab polyclonal antibody. Western Blot analysis of NAPRT1 expression in human liver.



### Western Blot (Transfected lysate)

Western Blot analysis of NAPRT1 expression in transfected 293T cell line ([H00093100-T02](#)) by NAPRT1 MaxPab polyclonal antibody.

Lane 1: NAPRT1 transfected lysate(51.26 kDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human NAPRT1 protein.

### Immunogen

NAPRT1 (NP\_660202, 1 a.a. ~ 466 a.a) full-length human protein.

### Sequence

MALGYWRAGRARDAAEFELFFRRCPFGGAFALAAGLRDCVRFLRAFLRDADVQFLASVLPPD  
TDPAFFEHLRALDCSEVTVRALPEGSLAFPGVPLLQVSGPLLVVQLLETPLLCLVSYASLVATNA  
ARLRLIAGPEKRLLMGLRRAQGPDGGLTASTYSYLGDFDSSSNVLQGLRGVPVAGTLAHSFVT  
SFSGSEVPDPMLAPAAEGPGVDLAAKAQVWLEQVCAHLGLGVQEPHPGERAAAFVAYALAF  
PRAFQGLLDTYSVWRSGLPNFLAVALALGELGYRAVGVRDLSGDLQQAQEIIRKVFRAAAAQFQ  
VPWLESVLIVVSNNIDEEALARLAQEGSEVNVIGIGTSVVTCPQQPSLGGVYKLVAVGGQPRMKLT  
EDPEKQTLPGSKAAFRLLGSDGSPLMDMLQLAEPPVPQAGQELRVWPPGAQEPCTVRPAQVE  
PLLRLCLQQGQVAAPPPSS

|                               |                                                                          |
|-------------------------------|--------------------------------------------------------------------------|
| Host                          | Mouse                                                                    |
| Reactivity                    | Human                                                                    |
| Interspecies Antigen Sequence | Mouse (87)                                                               |
| 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. |

## Applications

- Western Blot (Tissue lysate)

NAPRT1 MaxPab polyclonal antibody. Western Blot analysis of NAPRT1 expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of NAPRT1 expression in transfected 293T cell line ([H00093100-T02](#)) by NAPRT1 MaxPab polyclonal antibody.

Lane 1: NAPRT1 transfected lysate(51.26 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

## Gene Info — NAPRT1

|                     |                                                          |
|---------------------|----------------------------------------------------------|
| Entrez GeneID       | <a href="#">93100</a>                                    |
| GeneBank Accession# | <a href="#">NM_145201</a>                                |
| Protein Accession#  | <a href="#">NP_660202</a>                                |
| Gene Name           | NAPRT1                                                   |
| Gene Alias          | PP3856                                                   |
| Gene Description    | nicotinate phosphoribosyltransferase domain containing 1 |
| Omim ID             | <a href="#">611552</a>                                   |
| Gene Ontology       | <a href="#">Hyperlink</a>                                |

**Gene Summary**

Nicotinic acid (NA; niacin) is converted by nicotinic acid phosphoribosyltransferase (NAPRT; EC 2.4.2.11) to NA mononucleotide (NaMN), which is then converted to NA adenine dinucleotide (NaAD), and finally to nicotinamide adenine dinucleotide (NAD), which serves as a coenzyme in cellular redox reactions and is an essential component of a variety of processes in cellular metabolism including response to stress (Hara et al., 2007).[supplied by OMIM]

**Other Designations**

nicotinic acid phosphoribosyltransferase