

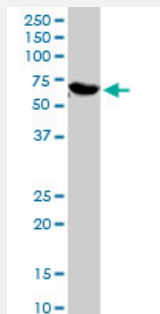
MaxPab®

# GBP1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002633-D01P

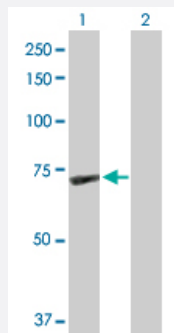
Size 100 ug

## Applications



### Western Blot (Tissue lysate)

GBP1 MaxPab rabbit polyclonal antibody. Western Blot analysis of GBP1 expression in human kidney.



### Western Blot (Transfected lysate)

Western Blot analysis of GBP1 expression in transfected 293T cell line ([H00002633-T01](#)) by GBP1 MaxPab polyclonal antibody.

Lane 1: GBP1 transfected lysate(67.90 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Rabbit polyclonal antibody raised against a full-length human GBP1 protein.

### Immunogen

GBP1 (NP\_002044.1, 1 a.a. ~ 592 a.a) full-length human protein.

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence                | MASEIHMTGPMCLIENTNGRLMANPEALKILSAITQPMVVVAIVGLYRTGKSYLMNKLAKKKKGFSL<br>GSTVQSHTKGMWVCVPHPKPGHILVLLDTEGLGDVEKGDNQNDWIFALAVLLSSTFVYNSIG<br>TINQQAMDQLYYVTELTTHIRSKSSPDENENEVEDSADFVSFFPDFVWTLRDFSLDLEADGQPLT<br>PDEYLTYSCLKKKGTSQKDETFNLPRLCIRKFFPKKKCFVDRPVHRRKLAQLEKLQDEELDPEF<br>VQQVADFCSYIFSNSKTKTLGGIQVNGPRLESLVLTYNNAISSGDLPCMENAVLALAQIENSAAV<br>QKAIHAEQMGQKVQLPTESLQELLDLHRDSEREAIEVFIRSSFKDVDHLFQKELAAQLEKKRD<br>DFCKQNQEASSDRCSGLLQVIFSPLEEEVKAGIYSKPGGYRLFVQKLQDLKKKYEEPRKGIAE<br>EILQTYLKSKESTMDAILQTDQTLTEKEKEIEVERVKAESAQASAKMLQEMQRKNEQMMEQKERS<br>YQEHLKQLTEKMENDRVQLLKEQERTLALKLQEQEQLLKEGFQKESRIMKNEIQDLQTKMRRRKA<br>CTIS |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Applications

- Western Blot (Tissue lysate)

GBP1 MaxPab rabbit polyclonal antibody. Western Blot analysis of GBP1 expression in human kidney.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of GBP1 expression in transfected 293T cell line ([H00002633-T01](#)) by GBP1 MaxPab polyclonal antibody.

Lane 1: GBP1 transfected lysate(67.90 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

## Gene Info — GBP1

|                     |                             |
|---------------------|-----------------------------|
| Entrez GeneID       | <a href="#">2633</a>        |
| GeneBank Accession# | <a href="#">NM_002053.1</a> |
| Protein Accession#  | <a href="#">NP_002044.1</a> |
| Gene Name           | GBP1                        |

|                    |                                                                                                                                                                                                                                                                                                                       |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Alias         | -                                                                                                                                                                                                                                                                                                                     |
| Gene Description   | guanylate binding protein 1, interferon-inducible, 67kDa                                                                                                                                                                                                                                                              |
| Omim ID            | <a href="#">600411</a>                                                                                                                                                                                                                                                                                                |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                             |
| Gene Summary       | Guanylate binding protein expression is induced by interferon. Guanylate binding proteins are characterized by their ability to specifically bind guanine nucleotides (GMP, GDP, and GTP) and are distinguished from the GTP-binding proteins by the presence of 2 binding motifs rather than 3. [provided by RefSeq] |
| Other Designations | OTTHUMP00000012352                                                                                                                                                                                                                                                                                                    |

## Disease

- [Multiple Sclerosis](#)