

**GBP4 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP55126**

**Specification**

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**GBP4 Polyclonal Antibody - Product Information**

Application	<b>WB, IHC-P, IHC-F, IF, ICC, E</b>
Primary Accession	<a href="#">O96PP9</a>
Reactivity	<b>Rat, Pig, Bovine</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>73165</b>

**GBP4 Polyclonal Antibody - Additional Information**

**Gene ID** 115361

**Other Names**

Guanylate-binding protein 4, 3.6.5.-, GTP-binding protein 4, GBP-4, Guanine nucleotide-binding protein 4, GBP4

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**GBP4 Polyclonal Antibody - Protein Information**

**Name** GBP4 {ECO:0000303|Ref.1, ECO:0000312|HGNC:HGNC:20480}

**Function**

Interferon (IFN)-inducible GTPase that plays important roles in innate immunity against a diverse range of bacterial, viral and protozoan pathogens (By similarity). Negatively regulates the antiviral response by inhibiting activation of IRF7 transcription factor (By similarity).

**Cellular Location**

Golgi apparatus membrane. Cytoplasm Nucleus. Cytoplasm, perinuclear region.

Note=Heterodimers with GBP1, GBP2 and GBP5 localize in the compartment of the prenylated GBPs: with GBP1 in a vesicle-like compartment, with GBP2, around the nucleus and with GBP5, at the Golgi apparatus.

**GBP4 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **GBP4 Polyclonal Antibody - Images**