

GBP4 Polyclonal Antibody
Catalog # AP70052**Specification**

GBP4 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q96PP9
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

GBP4 Polyclonal Antibody - Additional Information**Gene ID** 115361**Other Names**

GBP4; Guanylate-binding protein 4; GTP-binding protein 4; GBP-4; Guanine nucleotide-binding protein 4

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°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.

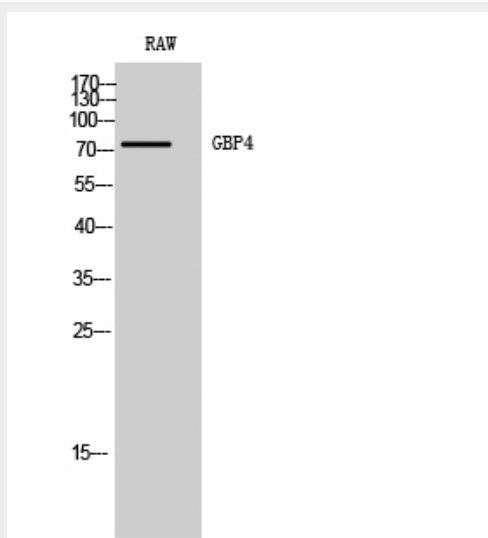
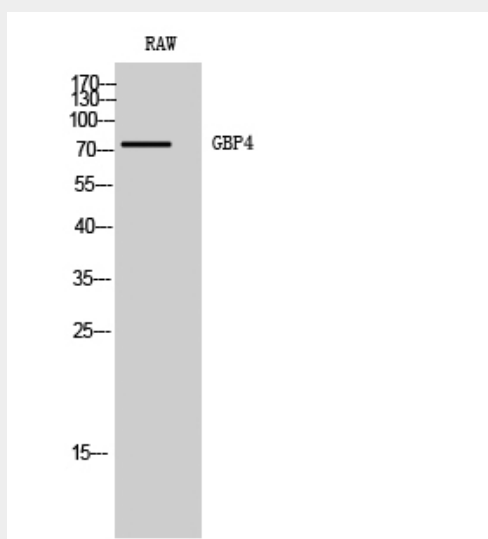
Note=Heterodimers with GBP1, GBP2 and GBP5 localize in the compartment of the prenylated GBPs: with GBP1 in a vesicle-like compartment, with GBP2, around the nucleus and with GBP5, at the Golgi apparatus.

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



GBP4 Polyclonal Antibody - Background

Binds GTP, GDP and GMP. Hydrolyzes GTP very efficiently; GDP rather than GMP is the major reaction product. Plays a role in erythroid differentiation (By similarity).