

## GBP5 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP03497
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthesized peptide derived from the Internal region of human GBP5.
<b>Mol wt</b>	66617
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	GBP5 Antibody
<b>Synonyms</b>	GBP5; Guanylate-binding protein 5; GBP-TA antigen; GTP-binding protein 5; GBP-5; Guanine nucleotide-binding protein 5

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

GBP5 (Guanylate Binding Protein 5) is a Protein Coding gene. Diseases associated with GBP5 include chronic active epstein-barr virus infection. Among its related pathways are Immune System and Interferon gamma signaling. GO annotations related to this gene include identical protein binding and GTPase activity. An important paralog of this gene is GBP7. s an activator of NLRP3 inflammasome assembly, plays a role in innate immunity and inflammation. Promotes selective NLRP3 inflammasome assembly in response to microbial and soluble, but not crystalline, agents (PubMed: 22461501). Hydrolyzes GTP, but in contrast to other family members, does not produce GMP (PubMed: 20180847).

### Recommended Dilution

WB: 1: 500 - 2000

ELISA: 1: 20000

IHC: 1: 100 - 1: 300

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for one year