

**GBP6 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9916b****Specification**

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**GBP6 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q6ZN66](#)**GBP6 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 163351**Other Names**

Guanylate-binding protein 6, GTP-binding protein 6, GBP-6, Guanine nucleotide-binding protein 6, GBP6

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**GBP6 Antibody (C-term) Blocking Peptide - Protein Information****Name** GBP6**Function**Interferon (IFN)-inducible GTPase that plays important roles in innate immunity against a diverse range of bacterial, viral and protozoan pathogens, such as bacterial pathogens *Listeria monocytogenes* and *Mycobacterium bovis* BCG as well as the protozoan pathogen *Toxoplasma gondii* (By similarity). Confers protection to several pathogens, including the bacterial pathogens *Listeria monocytogenes* and *Mycobacterium bovis* BCG as well as the protozoan pathogen *Toxoplasma gondii* (By similarity).**Cellular Location**

Cytoplasmic vesicle {ECO:0000250|UniProtKB:A0A0G2JDV3}

**GBP6 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**GBP6 Antibody (C-term) Blocking Peptide - Images****GBP6 Antibody (C-term) Blocking Peptide - Background**

Guanylate-binding proteins, such as GBP6, are induced by interferon and hydrolyze GTP to both GDP and GMP.

**GBP6 Antibody (C-term) Blocking Peptide - References**

Olszewski, M.A., et al. J. Interferon Cytokine Res. 26(5):328-352(2006)Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)