

**GTPBP1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18879b****Specification**

---

**GTPBP1 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [O00178](#)**GTPBP1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 9567**Other Names**

GTP-binding protein 1, G-protein 1, GP-1, GP1, GTPBP1

**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.

**GTPBP1 Antibody (C-term) Blocking Peptide - Protein Information****Name** GTPBP1**Function**

Promotes degradation of target mRNA species. Plays a role in the regulation of circadian mRNA stability. Binds GTP and has GTPase activity (By similarity).

**Cellular Location**

Cytoplasm.

**GTPBP1 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**GTPBP1 Antibody (C-term) Blocking Peptide - Images****GTPBP1 Antibody (C-term) Blocking Peptide - Background**

This gene is upregulated by interferon-gamma and encodes a protein that is a member of the

AGP11/GTPBP1 family of GTP-binding proteins. A structurally similar protein has been found in mouse, where disruption of the gene for that protein had no observable phenotype.

#### **GTPBP1 Antibody (C-term) Blocking Peptide - References**

Olsen, J.V., et al. Cell 127(3):635-648(2006) Olsen, J.V., et al. Cell 127(3):635-648(2006) Collins, J.E., et al. Genome Biol. 5 (10), R84 (2004) : Senju, S., et al. Mol. Cell. Biol. 20(17):6195-6200(2000) Kudo, H., et al. Biochem. Biophys. Res. Commun. 272(2):456-465(2000)