

GABPB1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16127b**Specification**

GABPB1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q06547](#)**GABPB1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 2553**Other Names**

GA-binding protein subunit beta-1, GABP subunit beta-1, GABPB-1, GABP subunit beta-2, GABPB-2, Nuclear respiratory factor 2, Transcription factor E4TF1-47, Transcription factor E4TF1-53, GABPB1, E4TF1B, GABPB, GABPB2

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.

GABPB1 Antibody (C-term) Blocking Peptide - Protein Information**Name** GABPB1**Synonyms** E4TF1B {ECO:0000303|PubMed:8441384}, GAB**Function**

Transcription factor capable of interacting with purine rich repeats (GA repeats) (PubMed:8441384, PubMed:10675337, PubMed:8816484). Acts as a master regulator of nuclear-encoded mitochondrial genes (By similarity).

Cellular Location

Nucleus

GABPB1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GABPB1 Antibody (C-term) Blocking Peptide - Images

GABPB1 Antibody (C-term) Blocking Peptide - Background

This gene encodes the GA-binding protein transcriptionfactor, beta subunit. This protein forms a tetrameric complex withthe alpha subunit, and stimulates transcription of target genes.The encoded protein may be involved in activation of cytochromeoxidase expression and nuclear control of mitochondrial function.The crystal structure of a similar protein in mouse has beenresolved as a ternary protein complex. Multiple transcript variantsencoding distinct isoforms have been identified for this gene.

GABPB1 Antibody (C-term) Blocking Peptide - References

Eynon, N., et al. *Physiol. Genomics* 41(1):78-81(2010)Venkatesan, K., et al. *Nat. Methods* 6(1):83-90(2009)Lu, Y., et al. *J. Lipid Res.* 49(12):2582-2589(2008)Vercauteren, K., et al. *J. Biol. Chem.* 283(18):12102-12111(2008)Collins, P.J., et al. *PLoS Genet.* 3 (11), E208 (2007) :