10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GABPB1 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP16127b

Specification

GABPB1 Antibody (C-term) Blocking Peptide - Product Information

Primary 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) :