

## GABPA Antibody (Center) Blocking Peptide

Synthetic peptide Catalog # BP9578c

### **Specification**

## GABPA Antibody (Center) Blocking Peptide - Product Information

**Primary Accession** 

**Q06546** 

## GABPA Antibody (Center) Blocking Peptide - Additional Information

**Gene ID 2551** 

#### **Other Names**

GA-binding protein alpha chain, GABP subunit alpha, Nuclear respiratory factor 2 subunit alpha, Transcription factor E4TF1-60, GABPA, E4TF1A

#### **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.

### GABPA Antibody (Center) Blocking Peptide - Protein Information

Name GABPA

Synonyms E4TF1A

#### **Function**

Transcription factor capable of interacting with purine rich repeats (GA repeats). Positively regulates transcription of transcriptional repressor RHIT/ZNF205 (PubMed:<a href="http://www.uniprot.org/citations/22306510" target=" blank">22306510</a>).

#### **Cellular Location**

Nucleus.

### GABPA Antibody (Center) Blocking Peptide - Protocols

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

# • Blocking Peptides

## GABPA Antibody (Center) Blocking Peptide - Images



### GABPA Antibody (Center) Blocking Peptide - Background

GABPA is one of three GA-binding protein transcription factor subunits which functions as a DNA-binding subunit. Since this subunit shares identity with a subunit encoding the nuclear respiratory factor 2 gene, it is likely involved in activation of cytochrome oxidase expression and nuclear control of mitochondrial function. This subunit also shares identity with a subunit constituting the transcription factor E4TF1, responsible for expression of the adenovirus E4 gene. Because of its chromosomal localization and ability to form heterodimers with other polypeptides, this gene may play a role in the Down Syndrome phenotype.

### GABPA Antibody (Center) Blocking Peptide - References

??im, Y.R., et al. J. Pathol. 220(4):446-451(2010)??runi, F., et al. J. Biol. Chem. 285(6):3939-3948(2010)??oros, J., et al. Genome Res. 19(11):1963-1973(2009)??ucas, M.E., et al. J. Biol. Chem. 284(22):14698-14709(2009)