

GABPA Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP14040c**Specification**

GABPA Antibody (Center) Blocking peptide - Product InformationPrimary 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

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP14040c was selected from the Center region of GABPA. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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:22306510).

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

This gene encodes 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. Two transcript variants encoding the same protein have been found for this gene.

GABPA Antibody (Center) Blocking peptide - References

Henderson, A.J., et al. Thorax 65(10):897-902(2010) Eynon, N., et al. Physiol. Genomics 41(1):78-81(2010) Levy, S., et al. IUBMB Life 62(3):237-246(2010) Kim, Y.R., et al. J. Pathol. 220(4):446-451(2010) Bruni, F., et al. J. Biol. Chem. 285(6):3939-3948(2010)