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

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: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

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

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)