

GABPA Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14040c

Specification

GABPA Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q06546
Other Accession	NP_002031.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	51295
Antigen Region	283-311

GABPA Antibody (Center) - 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

This GABPA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 283-311 amino acids from the Central region of human GABPA.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GABPA Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

GABPA Antibody (Center) - 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

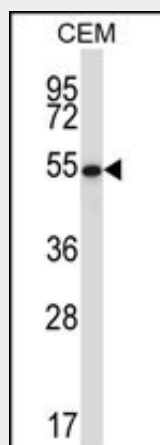
Nucleus.

GABPA Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GABPA Antibody (Center) - Images



GABPA Antibody (Center) (Cat. #AP14040c) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the GABPA antibody detected the GABPA protein (arrow).

GABPA Antibody (Center) - 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) - 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)