

GABPB1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16127b**Specification**

GABPB1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q06547
Other Accession	Q00420 , Q1RMI3 , NP_852092.1 , NP_002032.2
Reactivity	Human
Predicted	Bovine, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	42483
Antigen Region	337-365

GABPB1 Antibody (C-term) - 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

Target/Specificity

This GABPB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 337-365 amino acids from the C-terminal region of human GABPB1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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

GABPB1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

GABPB1 Antibody (C-term) - Protein Information

Name GABPB1

Synonyms E4TF1B {ECO:0000303|PubMed:8441384}, GAB

Function Transcription factor capable of interacting with purine rich repeats (GA repeats) (PubMed:[10675337](#), PubMed:[8441384](#), PubMed:[8816484](#)). Acts as a master regulator of nuclear-encoded mitochondrial genes (By similarity).

Cellular Location

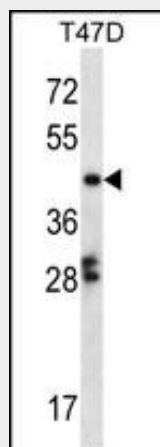
Nucleus

GABPB1 Antibody (C-term) - 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](#)

GABPB1 Antibody (C-term) - Images



GABPB1 Antibody (C-term) (Cat. #AP16127b) western blot analysis in T47D cell line lysates (35ug/lane). This demonstrates the GABPB1 antibody detected the GABPB1 protein (arrow).

GABPB1 Antibody (C-term) - Background

This gene encodes the GA-binding protein transcription factor, beta subunit. This protein forms a tetrameric complex with the alpha subunit, and stimulates transcription of target genes. The encoded protein may be involved in activation of cytochrome oxidase expression and nuclear control of mitochondrial function. The crystal structure of a similar protein in mouse has been resolved as a ternary protein complex. Multiple transcript variants encoding distinct isoforms have been identified for this gene.

GABPB1 Antibody (C-term) - 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) :