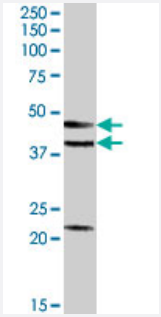
GABPB2 polyclonal antibody

Catalog # PAB7286 Size 100 ug

Applications



Western Blot (Cell lysate)

GABPB2 polyclonal antibody (Cat # PAB7286) (0.5 ug/mL) staining of HeLa cell lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of GABPB2.
Immunogen	A synthetic peptide corresponding to human GABPB2.
Sequence	C-SSENSSKATDETG
Host	Goat
Theoretical MW (kDa)	42.5, 38.1
Reactivity	Human
Specificity	This antibody is expected to recognize isoform beta 1 (NP_005245.2) and isoform gamma 1 (NP_0020.32.2).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

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Recommend Usage	ELISA (1:32000) Western Blot (0.5-1.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Cell lysate)

  GABPB2 polyclonal antibody (Cat # PAB7286) (0.5 ug/mL) staining of HeLa cell lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Gene Info — GABPB1

Entrez GeneID	2553
Protein Accession#	NP_005245.2;NP_0020.32.2
Gene Name	GABPB1
Gene Alias	BABPB2, E4TF1, E4TF1-47, E4TF1-53, E4TF1B, GABPB, GABPB2, NRF2B1, NRF2B2
Gene Description	GA binding protein transcription factor, beta subunit 1
Omim ID	600610
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the GA-binding protein transcription factor, beta subunit. This protein forms a t etrameric complex with the alpha subunit, and stimulates transcription of target genes. The encod ed 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 t ernary protein complex. Multiple transcript variants encoding distinct isoforms have been identifie d for this gene. [provided by RefSeq
Other Designations	-

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Publication Reference

- Identification and expression analysis of alternative transcripts of the mouse GA-binding protein (Gabp) subunits alpha and beta1.

  O'Leary DA, Koleski D, Kola I, Hertzog PJ, Ristevski S.

  Gene 2005 Jan; 344:79.

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