

Rabbit GABPB2 Polyclonal Antibody | anti-GABPB1 antibody

GABPB2 antibody - C-terminal region

CATALOG # AAA201789	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

GABPB2; Polyclonal Antibody; GABPB2 antibody - C-terminal region; anti-GABPB1 antibody

PRODUCT SPECIFICATIONS

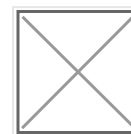
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PD GQQLVTPAT DIAETVISE EPPAKRQCIE IENRVESAE IEEREALQ
Sequence Length	395
Applicable Applications for anti-GABPB1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Chicken: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human GABPB2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



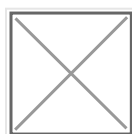
WB (Western Blot)

WB Suggested Anti-GABPB2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: HepG2 cell lysate
GABPB1 is supported by BioGPS gene expression data to be expressed in HepG2



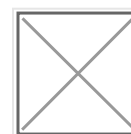
WB (Western Blot)

Lanes: 1. 40 ug human HK2 cell (kidney proximal tubular cell line) lysate
2. 40 ug H2O2 treated human HK2 Cell lysate
3. 40 ug H2O2 treated human HK2 Cell lysate
4. 40 ug H2O2 treated human HK2 Cell lysate
5. 40 ug H2O2 treated human HK2 Cell lysate
6. 40 ug H2O2 treated human HK2 Cell lysate
Primary Antibody Dilution: 1:1000
Secondary Antibody: Goat anti-Rabbit HRP
Secondary Antibody Dilution: 1:2000
Gene Name: GABPB2
Submitted by: The University of Queensland, School of Medicine, Centre for Kidney Disease Research



IHC (Immunohistochemistry)

Human Spleen



IHC (Immunohistochemistry)

Human Lung

ADDITIONAL INFORMATION

Related Product Information for anti-GABPB1 antibody	This is a rabbit polyclonal antibody against GABPB2. It was validated on Western Blot and immunohistochemistry Target Description: GABPB2 is the GA-binding protein transcription factor, beta subunit. It 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.
Product Categories/Family for anti-GABPB1 antibody	Polyclonal; Transcription Factor; Chromatin & Nuclear Signaling; Various; DNA/RNA/Protein Interactions; Immunohistochemistry; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	8051593
NCBI GeneID	2553
NCBI Accession #	NP_005245
NCBI GenBank Nucleotide #	NM_005254
UniProt Accession #	Q06547
Molecular Weight	42kDa
NCBI Official Full Name	GA-binding protein subunit beta-1 isoform beta 1
NCBI Official Synonym Full Names	GA binding protein transcription factor subunit beta 1
NCBI Official Symbol	GABPB1
NCBI Official Synonym Symbols	E4TF1; GABPB; BABPB2; E4TF1B; GABPB2; NRF2B1; NRF2B2; GABPB-1; E4TF1-47; E4TF1-53
NCBI Protein Information	GA-binding protein subunit beta-1
UniProt Protein Name	GA-binding protein subunit beta-1
UniProt Gene Name	GABPB1
UniProt Synonym Gene Names	E4TF1B; GABPB; GABPB2; GABP subunit beta-1; GABPB-1; GABPB-2
UniProt Entry Name	GABP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gabpb2-antibody-western-blot-immunohistochemistry-elisa/201789>