

Rabbit 4-aminobutyrate aminotransferase Polyclonal Antibody | anti-ABAT antibody

Rabbit anti-human 4-aminobutyrate aminotransferase, mitochondrial polyclonal Antibody(ABAT)

CATALOG # AAA118467	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

4-aminobutyrate aminotransferase; Polyclonal Antibody; Rabbit anti-human 4-aminobutyrate aminotransferase; mitochondrial polyclonal Antibody(ABAT); (S)-3-amino-2-methylpropionate transaminase; GABA aminotransferase; GABA-AT; Gamma-amino-N-butyrate transaminase; GABA transaminase; GABA-T; ABAT; GABAT; anti-ABAT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	500
Applicable Applications for anti-ABAT antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human 4-aminobutyrate aminotransferase, mitochondrial protein(29-300aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-160120
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



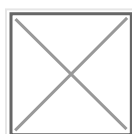
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using AAA118467 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver using AAA118467 at dilution 1:100



WB (Western Blot)

All lanes: 4-aminobutyrate aminotransferase, mitochondrial antibody at 10ug/mL
Lane 1: rat liver tissue
Lane 2: mouse pancreas tissue
Lane 3: mouse kidney tissue
Secondary: Goat polyclonal to rabbit at 1/10000 dilution
Predicted band size: 56kDa
Observed band size: 56kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ABAT antibody	Catalyzes the conversion of gamma-aminobutyrate and L-beta-aminoisobutyrate to succinate semialdehyde and methylmalonate semialdehyde, respectively. Can also convert delta-aminovalerate and beta-alanine.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38679950
NCBI GeneID	18
NCBI Accession #	NP_000654.2
NCBI GenBank Nucleotide #	NM_000663.4
UniProt Accession #	P80404; Q16260; Q8N5W2; Q96BG2; Q99800; A8K386
Molecular Weight	56,439 Da
NCBI Official Full Name	4-aminobutyrate aminotransferase, mitochondrial
NCBI Official Synonym Full Names	4-aminobutyrate aminotransferase
NCBI Official Symbol	ABAT
NCBI Official Synonym Symbols	GABAT; NPD009; GABA-AT
NCBI Protein Information	4-aminobutyrate aminotransferase, mitochondrial
UniProt Protein Name	4-aminobutyrate aminotransferase, mitochondrial
UniProt Gene Name	ABAT
UniProt Synonym Gene Names	GABAT; GABA-AT; GABA transaminase; GABA-T
UniProt Entry Name	GABT_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/4-aminobutyrate-aminotransferase-antibody-immunohistochemistry-western-blot-elisa/118467>