

Rabbit anti-Human Aspartate aminotransferase, mitochondrial Polyclonal Antibody | anti-GOT2 antibody

Rabbit anti-human Aspartate aminotransferase, mitochondrial polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230462	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

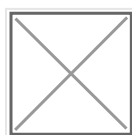
PRODUCT SYNONYMS

Aspartate aminotransferase; mitochondrial; Polyclonal Antibody; Rabbit anti-human Aspartate aminotransferase; mitochondrial polyclonal Antibody; GOT2; Fatty acid-binding protein; FABP-1; Glutamate oxaloacetate transaminase 2; Plasma membrane-associated fatty acid-binding protein; FABPpm; Transaminase A; anti-GOT2 antibody

PRODUCT SPECIFICATIONS

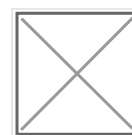
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	387
Applicable Applications for anti-GOT2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Aspartate aminotransferase, mitochondrial protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-46707 / sc-46704
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunofluorescent analysis of MCF-7 cells using AAA230462 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver tissue using AAA230462 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: Aspartate aminotransferase, mitochondrial antibody at 2ug/ml lane
1:EC109 whole cell lysate lane 2:293T whole cell lysateSecondaryGoat polyclonal to rabbit at
1/10000 dilutionPredicted band size: 48,44 kDaObserved band size: 47 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GOT2 antibody	Plays a key role in amino acid metabolism. Important for metabolite exchange between mitochondria and cytosol. Facilitates cellular uptake of long-chain free fatty acids. Glutamic-oxaloacetic transaminase is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and inner-membrane mitochondrial forms, GOT1 and GOT2, respectively. GOT plays a role in amino acid metabolism and the urea and tricarboxylic acid cycles. The two enzymes are homodimeric and show close homology.
Product Categories/Family for anti-GOT2 antibody	Transport

NCBI AND UNIPROT INFORMATION

NCBI GI #	555290167
NCBI GeneID	2806
NCBI Accession #	NP_001273149.1
NCBI GenBank Nucleotide #	NM_001286220.1
UniProt Accession #	P00505; Q53FL3; Q9BWA3; B4DJA6; E7ERW2
Molecular Weight	43,030 Da
NCBI Official Full Name	aspartate aminotransferase, mitochondrial isoform 2
NCBI Official Synonym Full Names	glutamic-oxaloacetic transaminase 2
NCBI Official Symbol	GOT2
NCBI Official Synonym Symbols	KAT4; KATIV; mitAAT
NCBI Protein Information	aspartate aminotransferase, mitochondrial
UniProt Protein Name	Aspartate aminotransferase, mitochondrial
UniProt Gene Name	GOT2
UniProt Synonym Gene Names	mAspAT; FABP-1; FABPpm
UniProt Entry Name	AATM_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/aspartate-aminotransferase-mitochondrial-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/230462>