

Rabbit anti-Human Aspartate aminotransferase Polyclonal Antibody | anti-GOT1 antibody

Rabbit anti-human Aspartate aminotransferase, cytoplasmic polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA117826	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

Aspartate aminotransferase; Polyclonal Antibody; Rabbit anti-human Aspartate aminotransferase; cytoplasmic polyclonal Antibody; Glutamate oxaloacetate transaminase 1; Transaminase; GOT1; anti-GOT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	413
Applicable Applications for anti-GOT1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Aspartate aminotransferase, cytoplasmic protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-46283 / sc-46281
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



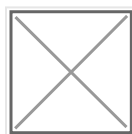
IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA117826 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



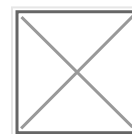
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using AAA117826 at dilution of 1:50



WB (Western Blot)

Western BlotPositive WB detected in: hepG2 cell,mouse liver,mouse skeletal muscleAll lanes: GOT1 antibody at 4.5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 47,45 kDaObserved band size: 46 kDa



WB (Western Blot)

All lanes: Aspartate aminotransferase, cytoplasmic antibody at 2ug/ml+mouse brain tissueSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 47,45 kDaObserved band size: 46 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GOT1 antibody	Plays a key role in amino acid metabolism.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504067
NCBI GeneID	2805
NCBI Accession #	NP_002070.1
NCBI GenBank Nucleotide #	NM_002079.2
UniProt Accession #	P17174; Q5VW80; B2R6R7; B7Z7E9
Molecular Weight	44,147 Da
NCBI Official Full Name	aspartate aminotransferase, cytoplasmic
NCBI Official Synonym Full Names	glutamic-oxaloacetic transaminase 1, soluble
NCBI Official Symbol	GOT1
NCBI Official Synonym Symbols	AST1; cCAT; GIG18; cAspAT; ASTQTL1
NCBI Protein Information	aspartate aminotransferase, cytoplasmic
UniProt Protein Name	Aspartate aminotransferase, cytoplasmic
UniProt Gene Name	GOT1
UniProt Synonym Gene Names	cAspAT; cCAT
UniProt Entry Name	AATC_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-antibody-immunohistochemistry-western-blot-elisa/117826>