

Rabbit Aspartate Aminotransferase Polyclonal Antibody | anti-GOT1 antibody

Anti-Aspartate Aminotransferase Antibody IHC-plus

CATALOG # AAA52657	HOST Rabbit	REACTIVITY Mouse, Rat, Human	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

Aspartate Aminotransferase; Polyclonal Antibody; Anti-Aspartate Aminotransferase Antibody IHC-plus; Rabbit Polyclonal (IgG) to Human Aspartate Aminotransferase; Human Aspartate Aminotransferase; ASTQT1; Growth-inhibiting protein 18; Transaminase A; GIG18; anti-GOT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat, Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Human Aspartate Aminotransferase.
Purity/Purification	Affinity purified
Form/Format	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	413
Applicable Applications for anti-GOT1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Aspartate Aminotransferase antibody was raised against recombinant human GOT1.
Immunogen Description	Recombinant human GOT1.
Immunogen Type	Recombinant protein
Target Species	Human
Preparation and Storage	Long term: -80 degree C Short term: -20 degree C Avoid freeze-thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GOT1 antibody.


IHC (Immunohistochemistry)

Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-GOT1 antibody	GOT1 Antibody, Aspartate Aminotransferase Antibody, ASTQTL1 Antibody, Growth-inhibiting protein 18 Antibody, Transaminase A Antibody, GIG18 Antibody Description: Biosynthesis of L-glutamate from L-aspartate or L-cysteine. Important regulator of levels of glutamate, the major excitatory neurotransmitter of the vertebrate central nervous system. Acts as a scavenger of glutamate in brain neuroprotection. The aspartate aminotransferase activity is involved in hepatic glucose synthesis during development and in adipocyte glyceroneogenesis. Using L-cysteine as substrate, regulates levels of mercaptopyruvate, an important source of hydrogen sulfide.
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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.