Rabbit GOT1 Polyclonal Antibody | anti-GOT1 antibody

GOT1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279978	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot**

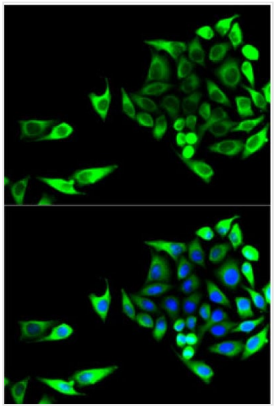
PRODUCT SYNONYMS

GOT1; Polyclonal Antibody; GOT1 Polyclonal Antibody; AST1; ASTQTL1; GIG18; cAspAT; cCAT;; anti-GOT1 antibody

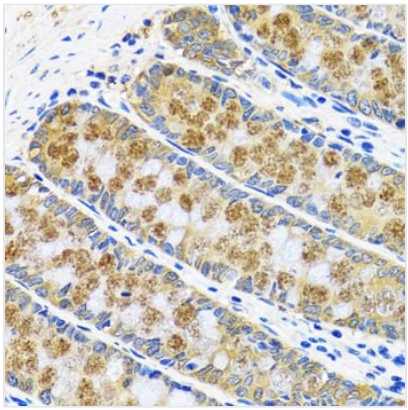
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.09% Sodium azide,50% glycerol,pH7.3.
Sequence Length	413
Applicable Applications for anti-GOT1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 244-413 of human GOT1 (NP_002070.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

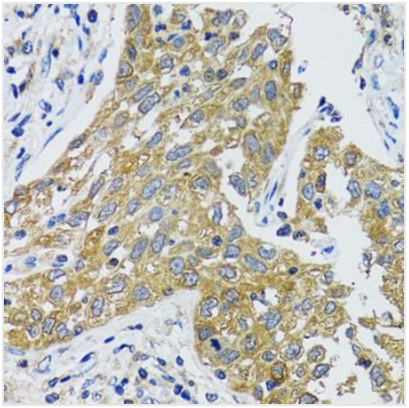
IMAGES



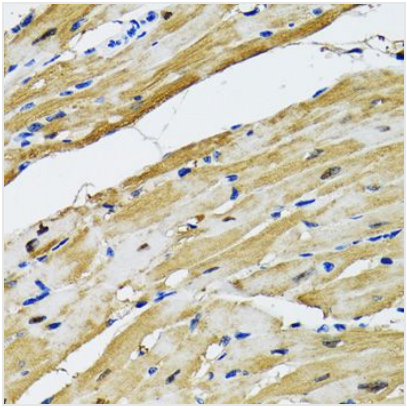
IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cells using GOT1 antibody. Blue: DAPI for nuclear staining.



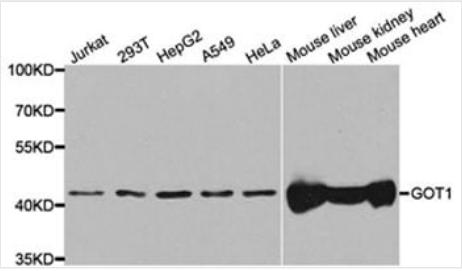
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon using GOT1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human lung cancer using GOT1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded rat heart using GOT1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using GOT1 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-GOT1 antibody	Glutamic-oxaloacetic transaminase is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and 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-GOT1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	5902703
NCBI GeneID	2805
UniProt Accession #	P17174; Q5VW80; B2R6R7; B7Z7E9
Molecular Weight	Calculated MW: 44kDa/46kDa Observed MW: 46kDa
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	cCAT; GIG18; cAspAT; ASTQTL1
NCBI Protein Information	aspartate aminotransferase, cytoplasmic; transaminase A; aspartate transaminase 1; aspartate aminotransferase 1; growth-inhibiting protein 18; cysteine transaminase, cytoplasmic; glutamate oxaloacetate transaminase 1; cysteine 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/got1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279978