

Rabbit anti-Human, Mouse GOT2 Polyclonal Antibody | anti-GOT2 antibody

Rabbit anti-GOT2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212640	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

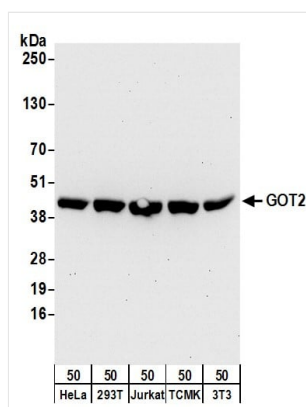
PRODUCT SYNONYMS

GOT2; Polyclonal Antibody; Rabbit anti-GOT2 Antibody; Affinity Purified; kynurenine aminotransferase 4; kynurenine aminotransferase IV; kynurenine--oxoglutarate transaminase 4; kynurenine--oxoglutarate transaminase IV; mAspAT; mitAAT; plasma membrane-associated fatty acid-binding protein; KYAT4; transaminase A; KAT4; glutamic-oxaloacetic transaminase 2; mitochondrial; glutamate oxaloacetate transaminase 2; fatty acid-binding protein; FABPpm; FABP-1; aspartate transaminase 2; aspartate aminotransferase 2; aspartate aminotransferase; KATIV; Aspartate aminotransferase; anti-GOT2 antibody

PRODUCT SPECIFICATIONS

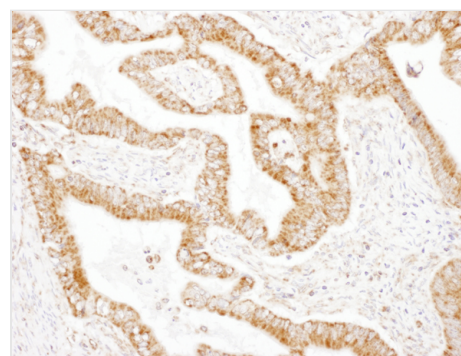
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-GOT2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Predicted Reactivity	Rat, X. tropicalis, Chicken, Bovine, Horse, Rabbit, Pig, Orangutan
Immunogen	Between 380 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



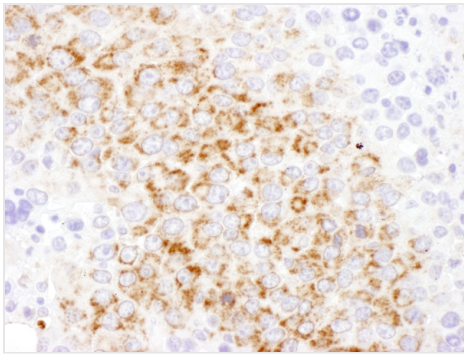
WB (Western Blot)

Detection of human and mouse GOT2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-GOT2 antibody AAA212640 (lot AAA212640-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human GOT2 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-GOT2 (Cat. No. AAA212640 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: IHC Hematoxylin (blue).



IHC (Immunohistochemistry)

Detection of mouse GOT2 by immunohistochemistry. Sample: FFPE section of mouse renal cell carcinoma. Antibody: Affinity purified rabbit anti-GOT2 (Cat. No. AAA212640 Lot1) used at a dilution of 1:1,000 (1µg/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-GOT2 antibody	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 [taken from NCBI Entrez Gene (Gene ID: 2806)].
Product Categories/Family for anti-GOT2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	73486658
NCBI GeneID	2806
NCBI Accession #	NP_002071.2
NCBI GenBank Nucleotide #	NM_002080.2
UniProt Accession #	P00505 ; Q53FL3 ; Q9BWA3
Molecular Weight	430
NCBI Official Full Name	aspartate aminotransferase, mitochondrial
NCBI Official Synonym Full Names	glutamic-oxaloacetic transaminase 2, mitochondrial
NCBI Official Symbol	GOT2
NCBI Official Synonym Symbols	KAT4; KATIV; mitAAT
NCBI Protein Information	aspartate aminotransferase, mitochondrial; FABP-1; FABPpm; mAspAT; transaminase A; aspartate transaminase 2; fatty acid-binding protein; aspartate aminotransferase 2; kynurenine aminotransferase 4; kynurenine aminotransferase IV; glutamate oxaloacetate tr
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.