

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

GOT2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA308086	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

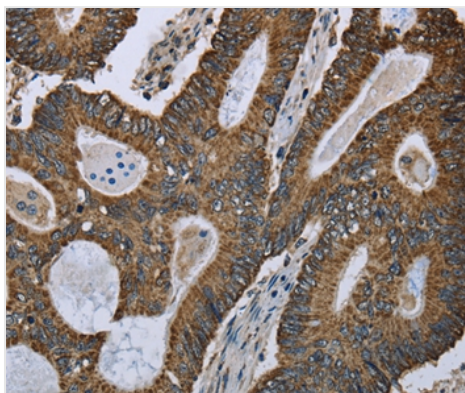
PRODUCT SYNONYMS

GOT2; Polyclonal Antibody; GOT2 Antibody; KAT4; KATIV; mitAAT; anti-GOT2 antibody

PRODUCT SPECIFICATIONS

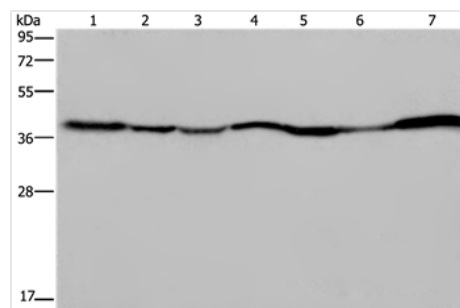
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total GOT2 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.4 mg/ml (varies by lot)
Sequence Length	387
Applicable Applications for anti-GOT2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human glutamic-oxaloacetic transaminase 2, mitochondrial
Target Name	GOT2
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using at dilution 1/50.



Application Data

Gel: 10%SDS-PAGE Lysates (from left to right): 293T and Hela cell, Human fetal liver, mouse spleen and heart tissue, human fetal brain and hepatocellular carcinoma tissue Amount of lysate: 40ug per lane Primary antibody: 1/400 dilution Secondary antibody dilution: 1/8000 Exposure time: 10 seconds

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. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-GOT2 antibody	Total protein Ab

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, mitochondrial
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/got2-antibody-immunohistochemistry-western-blot-elisa/308086>