

Rabbit GOT2 Polyclonal Antibody | anti-GOT2 antibody

GOT2 Antibody (N-term)

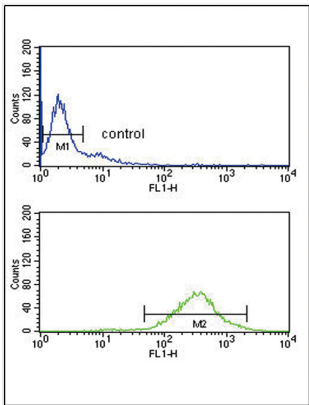
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287344	Rabbit	Human (Predicted Reactivity: Bovine, Chicken, Monkey, Mouse, Pig, Rat)	Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

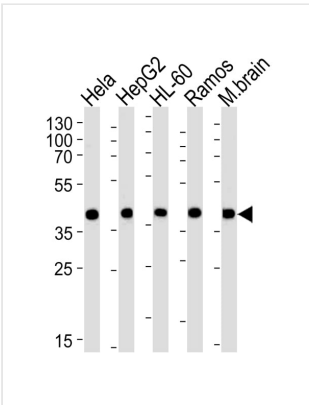
GOT2; Polyclonal Antibody; GOT2 Antibody (N-term); Aspartate aminotransferase; mitochondrial; mAspAT; Fatty acid-binding protein; FABP-1; Glutamate oxaloacetate transaminase 2; Kynurenine aminotransferase 4; Kynurenine aminotransferase IV; Kynurenine--oxoglutarate transaminase 4; Kynurenine--oxoglutarate transaminase IV; Plasma membrane-associated fatty acid-binding protein; FABPpm; Transaminase A; anti-GOT2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Chicken, Monkey, Mouse, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GOT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 33-61 amino acids from the N-terminal region of human GOT2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	33-61
Sequence Length	387
Applicable Applications for anti-GOT2 antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
GOT2 Antibody (N-term) flow cytometry analysis of Ramos cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of lysates from HeLa, HepG2, HL-60, Ramos, mouse brain cell line (from left to right), using GOT2 Antibody (N-term). AAA287344 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

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.
Product Categories/Family for anti-GOT2 antibody	Crown Antibodies; Cancer; Metabolism; Signal Transduction
References	Schiele, F., et.al., Clin. Chem. 35 (6), 926-930 (1989) Watazu, Y., et.al., Clin. Chem. 36 (4), 687-689 (1990)

NCBI AND UNIPROT INFORMATION

NCBI GI #	73486658
NCBI GeneID	2806
NCBI Accession #	NP_002071.2
NCBI GenBank Nucleotide #	NM_002080.3
UniProt Accession #	P00505; Q53FL3; Q9BWA3; B4DJA6; E7ERW2
Molecular Weight	47518
NCBI Official Full Name	aspartate aminotransferase, mitochondrial isoform 1
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/got2-antibody-western-blot-flow-cytometry-elisa/287344>