

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

GOT2 Antibody

CATALOG # AAA304383	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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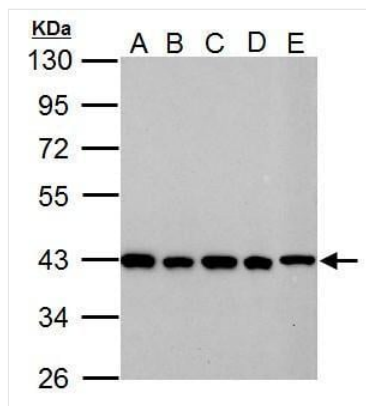
PRODUCT SYNONYMS

GOT2; Polyclonal Antibody; GOT2 Antibody; FLJ40994 antibody; KAT4 antibody; KATIV antibody; mitAAT antibody; GOT2 antibody; "aspartate aminotransferase; mitochondrial antibody"; fatty acid-binding protein antibody; FABPpm antibody; glutamate oxaloacetate transaminase 2 antibody; kynurenine aminot; anti-GOT2 antibody

PRODUCT SPECIFICATIONS

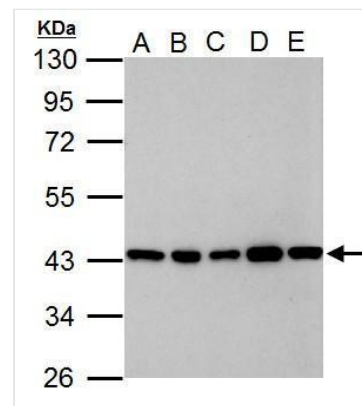
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total GOT2 protein.
Purity/Purification	Antibodies were purified by antigen-affinity chromatography.
Form/Format	Rabbit IgG in 1XPBS, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	387
Applicable Applications for anti-GOT2 antibody	WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fragment corresponding to a region within amino acids 1 and 211 of GOT2.
Target Name	GOT2
Preparation and Storage	Store at -20 degree C

IMAGES



Application Data

Sample (30 ug of whole cell lysate) A: NIH-3T3 B: JC C: BCL-1 D: C2C12 E: Raw264.7 10% SDS PAGE diluted at 1:10000



Application Data

Sample (30 ug of whole cell lysate) A: 293T B: A431 C: HeLa D: HepG2 E: A375 10% SDS PAGE diluted at 1:10000

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. [provided by RefSeq]
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.