

Mouse GOT2 Antibody | anti-GOT2 antibody

GOT2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108808	Mouse	Human, Mouse, Rat, Monkey	ELISA, Immunofluorescence, Western Blot

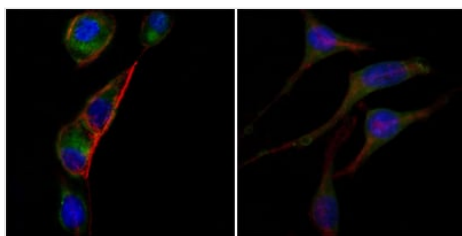
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

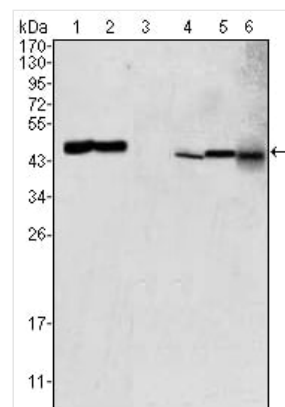
Host	Mouse
Reactivity	Human, Mouse, Rat, Monkey
Isotype	IgG1
Clone Number	3E9
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	430
Applicable Applications for anti-GOT2 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant fragment of human GOT2 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES



IF (Immunofluorescence)

Figure 2: Immunofluorescence analysis of PC-3 (left) and SK-BR-3 (right) cells using anti-GOT2 mAb (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



WB (Western Blot)

Figure 1: Western blot analysis using GOT2 mouse mAb against HEK293 (1), PC-12 (2), HL-60 (3), BCBL-1 (4), HepG2 (5) and NIH/3T3 (6) cell lysate.

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	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

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	47kDa
NCBI Official Full Name	aspartate aminotransferase, mitochondrial isoform 1
NCBI Official Synonym Full Names	glutamic-oxaloacetic transaminase 2
NCBI Official Symbol	GOT2
NCBI Official Synonym Symbols	KAT4; KATIV; KYAT4; 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

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/mouse-human-monkey-mouse-rat-antibody/got2/108808>