Rabbit anti-Human GOT2 Monoclonal Antibody | anti-GOT2 antibody

GOT2 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282706	**Rabbit**	**Human**	**ELISA, Immunohistochemistry, Western Blot**

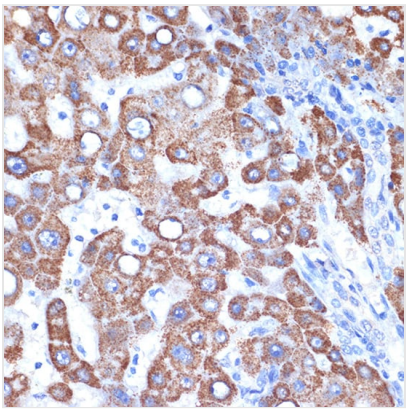
PRODUCT SYNONYMS

GOT2; Monoclonal Antibody; GOT2 Rabbit mAb; KAT4; DEE82; KATIV; KYAT4; mitAAT; anti-GOT2 antibody

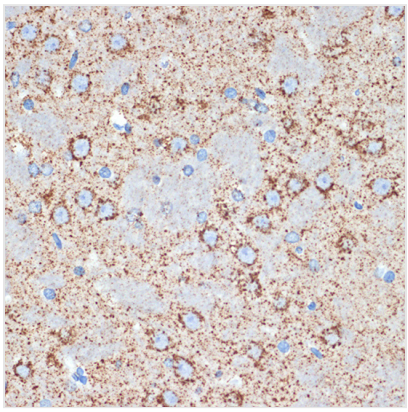
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MALLHSGRVL PGIAAAFHPG LAAAASARAS SWWTHVEMGP PDPILGVTEA FKRDTNSKKM NLGVGAYRDD NGKPYVLPSV RKAEAQIAAK NLDKEYLPIG
Applicable Applications for anti-GOT2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human GOT2 (P00505).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

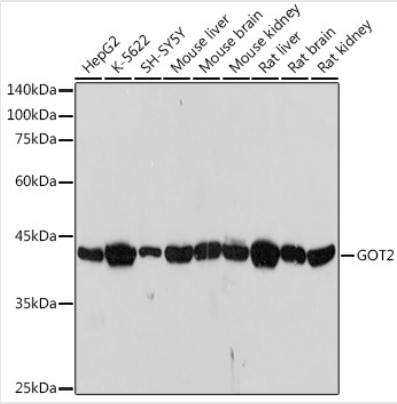
IMAGES



IHC (Immunohistochemisry)
Immunohistochemistry analysis of paraffin-embedded Human liver using GOT2 Rabbit mAb (AAA282706) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded Rat brain using GOT2 Rabbit mAb (AAA282706) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



WB (Western Blot)
Western blot analysis of various lysates using GOT2 Rabbit mAb (AAA282706) at 1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 1s.

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	Cancer; Signal Transduction; Endocrine Metabolism; Amino acid metabolism; Carbohydrate metabolism; 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	Calculated MW: 48kDa Observed MW: 42kDa
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/monoclonal/got2-antibody-immunohistochemistry-western-blot-elisa/282706