

Rabbit anti-Human OAT Polyclonal Antibody | anti-OAT antibody

OAT Antibody

CATALOG # AAA309119	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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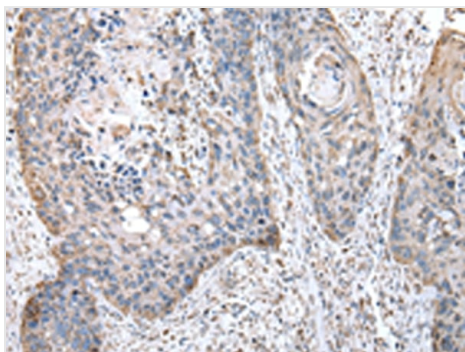
PRODUCT SYNONYMS

OAT; Polyclonal Antibody; OAT Antibody; OKT; GACR; HOGA; OATASE; anti-OAT antibody

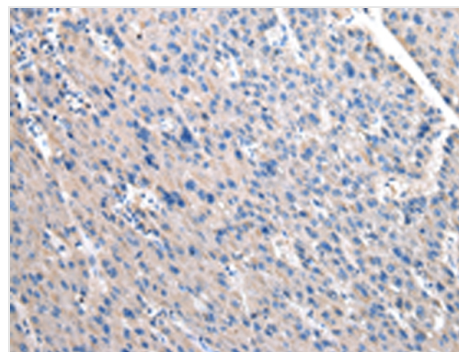
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total OAT protein.
Purity/Purification	Antigen Affinity Purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	439
Applicable Applications for anti-OAT antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human OAT
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

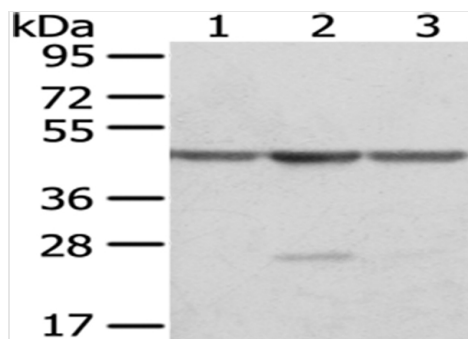
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using at dilution 1/20.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/20.



WB (Western Blot)

Gel: 8%SDS-PAGE Lysate: 40 μ g Lane 1-3: Hepg2, K562 and hela cell Primary antibody: 1/400 dilution Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 5 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-OAT antibody	This gene encodes the mitochondrial enzyme ornithine aminotransferase, which is a key enzyme in the pathway that converts arginine and ornithine into the major excitatory and inhibitory neurotransmitters glutamate and GABA. Mutations that result in a deficiency of this enzyme cause the autosomal recessive eye disease Gyrate atrophy. Alternatively spliced transcript variants encoding different isoforms have been described. Related pseudogenes have been defined on the X chromosome.
Product Categories/Family for anti-OAT antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557809
NCBI GeneID	4942
NCBI Accession #	NP_000265.1
NCBI GenBank Nucleotide #	NM_000274.3
UniProt Accession #	P04181; Q16068; Q16069; Q68CS0; Q6IAV9; Q9UD03; D3DRF0
Molecular Weight	32,853 Da
NCBI Official Full Name	ornithine aminotransferase, mitochondrial isoform 1
NCBI Official Synonym Full Names	ornithine aminotransferase
NCBI Official Symbol	OAT
NCBI Official Synonym Symbols	OKT; GACR; HOGA; OATASE
NCBI Protein Information	ornithine aminotransferase, mitochondrial
UniProt Protein Name	Ornithine aminotransferase, mitochondrial
UniProt Gene Name	OAT
UniProt Entry Name	OAT_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://stage.aaabiotech.com/polyclonal/oat-antibody-immunohistochemistry-western-blot-elisa/309119>