

GOT2 Antibody (aa295-306)
Goat Polyclonal Antibody
Catalog # ALS12271**Specification**

GOT2 Antibody (aa295-306) - Product Information

Application	WB, IHC
Primary Accession	P00505
Reactivity	Human, Hamster, Monkey, Horse
Host	Goat
Clonality	Polyclonal
Calculated MW	48kDa KDa

GOT2 Antibody (aa295-306) - Additional Information**Gene ID** 2806**Other Names**

Aspartate aminotransferase, mitochondrial, mAspAT, 2.6.1.1, 2.6.1.7, 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, GOT2

Target/Specificity

Human GOT2.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

GOT2 Antibody (aa295-306) is for research use only and not for use in diagnostic or therapeutic procedures.

GOT2 Antibody (aa295-306) - Protein Information**Name** GOT2 ([HGNC:4433](#))**Function**

Catalyzes the irreversible transamination of the L-tryptophan metabolite L-kynurenine to form kynurenic acid (KA). As a member of the malate-aspartate shuttle, it has a key role in the intracellular NAD(H) redox balance. Is important for metabolite exchange between mitochondria and cytosol, and for amino acid metabolism. Facilitates cellular uptake of long-chain free fatty acids.

Cellular Location

Mitochondrion matrix. Cell membrane. Note=Exposure to alcohol promotes translocation to the cell membrane.

GOT2 Antibody (aa295-306) - Protocols

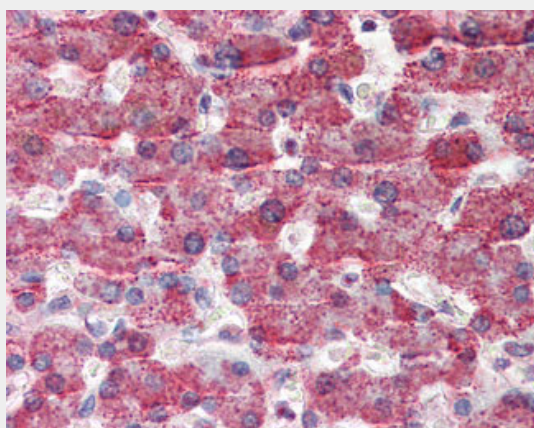
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GOT2 Antibody (aa295-306) - Images



Antibody (0.03 ug/ml) staining of Human Kidney lysate (35 ug protein in RIPA buffer).



Anti-GOT2 antibody IHC of human liver.

GOT2 Antibody (aa295-306) - Background

Catalyzes the irreversible transamination of the L- tryptophan metabolite L-kynurenine to form kynurenic acid (KA). Plays a key role in amino acid metabolism. Important for metabolite exchange between mitochondria and cytosol. Facilitates cellular uptake of long-chain free fatty acids.

GOT2 Antibody (aa295-306) - References

Pol S.,et al.Biochem. Biophys. Res. Commun. 157:1309-1315(1988).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.
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Martini F.,et al.Biochim. Biophys. Acta 832:46-51(1985).