

**GOT2 Antibody**  
Rabbit mAb  
Catalog # AP92544

## Specification

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### GOT2 Antibody - Product Information

Application	WB, IHC, IP
Primary Accession	<a href="#">P00505</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
KAT4; KATIV; mitAAT;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	47518 Da

### GOT2 Antibody - Additional Information

Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human GOT2</b>
Description	<b>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.</b>
Storage Condition and Buffer	<b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>

### GOT2 Antibody - 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

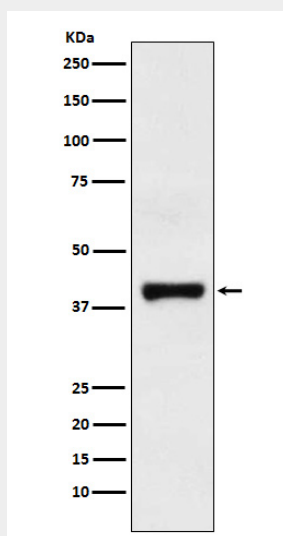
Mitochondrion matrix. Cell membrane. Note=Exposure to alcohol promotes translocation to the cell membrane.

## GOT2 Antibody - 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 - Images



Western blot analysis of GOT2 expression in HepG2 cell lysate.