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GOT2 Antibody

Rabbit mAb
Catalog # AP92544

Product Information

Application	WB, IHC, IP
Primary Accession	P00505
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	KAT4; KATIV; mitAAT;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	47518

Additional Information

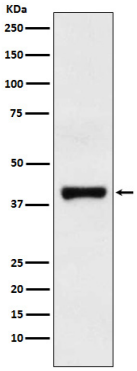
Dilution	WB 1:500~1:2000 IHC 1:50~1:200 IP 1:50 FC 1:100
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human GOT2
Description	Plays a key role in amino acid metabolism. Important for metabolite exchange between mitochondria and cytosol. Facilitates cellular uptake of long-chain free fatty acids.
Storage Condition and Buffer	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.

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.

Images

Western blot analysis of GOT2 expression in HepG2 cell lysate.



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