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Aspartate Aminotransferase Rabbit mAb

Catalog # AP75419

Product Information

Application	WB, IHC-P, IP
Primary Accession	P00505
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	47518

Additional Information

Gene ID	2806
Other Names	GOT2
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A IP~~1:10-1:100
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

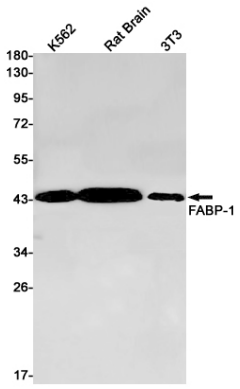
Name	GOT2 (HGNC:4433)
Function	Catalyzes the irreversible transamination of the L-tryptophan metabolite L-kynurenine to form kynurenic acid (KA). As a member of the malate-aspartate shuttle, it has a key role in the intracellular NAD(H) redox balance. Is important for metabolite exchange between mitochondria 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.

Background

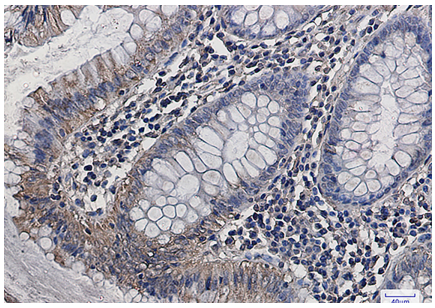
Plays a key role in amino acid metabolism. Important for metabolite exchange between mitochondria and

cytosol. Facilitates cellular uptake of long-chain free fatty acids.

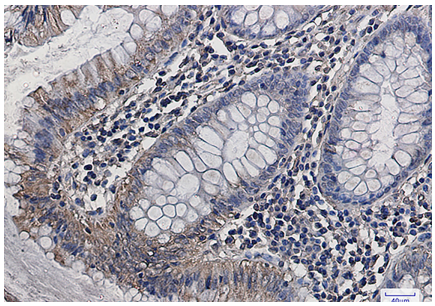
Images



Western blot analysis of FABP1 in K562, rat Brain, 3T3 lysates using Aspartate Aminotransferase antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using FABP1 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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