

KD-Validated Anti-Glutamic-oxaloacetic transaminase 2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1579

Product Information

Application	WB, FC
Primary Accession	P00505
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB7985
Calculated MW	47518
Gene Name	GOT2
Aliases	GOT2; Glutamic-Oxaloacetic Transaminase 2; KYAT4; Kynurenine Aminotransferase IV; MAspAT; KATIV; KAT4; Plasma Membrane-Associated Fatty Acid-Binding Protein; Glutamic-Oxaloacetic Transaminase 2, Mitochondrial; Aspartate Aminotransferase, Mitochondrial; Kynurenine--Oxoglutarate Transaminase IV; Kynurenine--Oxoglutarate Transaminase 4; Glutamate Oxaloacetate Transaminase 2; Kynurenine Aminotransferase 4; Aspartate Aminotransferase 2; Fatty Acid-Binding Protein; Aspartate Transaminase 2; Transaminase A; EC 2.6.1.1; MitAAT; FABP-1; FABPpm; Glutamic-Oxaloacetic Transaminase 2, Mitochondrial (Aspartate Aminotransferase 2); EC 2.6.1.7; EC 2.6.1; MITAAT; DEE82
Immunogen	A synthesized peptide derived from human GOT2

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 (HGNC:4433)

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.