ARG64378
anti-GOT2 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes GOT2
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	GOT2
Species	Human
Immunogen	C-SNLKKEGSTHNWQH
Conjugation	Un-conjugated
Alternate Names	Kynurenine aminotransferase 4; mitAAT; Plasma membrane-associated fatty acid-binding protein; Kynurenine--oxoglutarate transaminase 4; Glutamate oxaloacetate transaminase 2; KAT4; Transaminase A; KATIV; FABP-1; Aspartate aminotransferase, mitochondrial; FABPpm; Fatty acid-binding protein; Kynurenine--oxoglutarate transaminase IV; mAspAT; Kynurenine aminotransferase IV; EC 2.6.1.1; EC 2.6.1.7

Application Instructions

Application table

Application	Dilution
WB	0.3 - 1 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

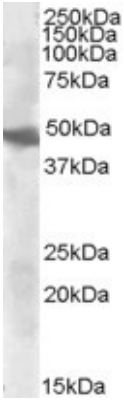
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

	freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 2806 Human Swiss-port # P00505 Human
Background	Glutamic-oxaloacetic transaminase is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and inner-membrane mitochondrial forms, GOT1 and GOT2, respectively. GOT plays a role in amino acid metabolism and the urea and tricarboxylic acid cycles. The two enzymes are homodimeric and show close homology. [provided by RefSeq, Jul 2008]
Research Area	Cancer antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	48 kDa

Images



ARG64378 anti-GOT2 antibody WB image

Western Blot: Human Liver cell lysate (35 µg protein in RIPA buffer) stained with ARG64378 anti-GOT2 (aa 360 to 373) antibody at 0.3 µg/ml dilution.