anti- GOT1 antibody

Product Information

Catalog No.:	FNab03567
Size:	100μg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20℃ for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Biosynthesis of L-glutamate from L-aspartate or L-cysteine.Important regulator of levels of glutamate, the major excitatory neurotransmitter of the vertebrate central nervous system.Acts as a scavenger of glutamate in brain neuroprotection. The aspartate aminotransferase activity is involved in hepatic glucose synthesis during development and in adipocyte glyceroneogenesis. Using L-cysteine as substrate, regulates levels of mercaptopyruvate, an important source of hydrogen sulfide. Mercaptopyruvate is converted into H(2)S via the action of 3-mercaptopyruvate sulfurtransferase(3MST). Hydrogen sulfide is an important synaptic modulator and neuroprotectant in the brain.

Immunogen information

Immunogen:	glutamic-oxaloacetic transaminase 1, soluble(aspartate aminotransferase 1)
Synonyms:	AATC, CAT, GIG18, GOT1, Transaminase A
Observed MW:	43-46 kDa
UniprotID :	P17174

Application

Wuhan Fine Biotech Co., Ltd.

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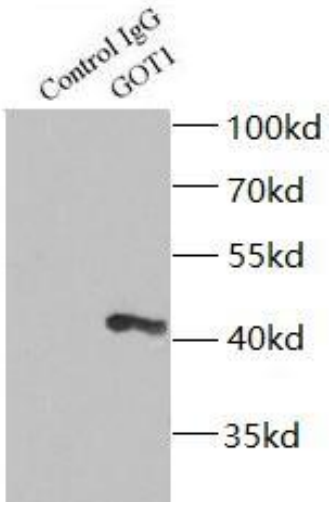
Reactivity: Human, Mouse, Rat

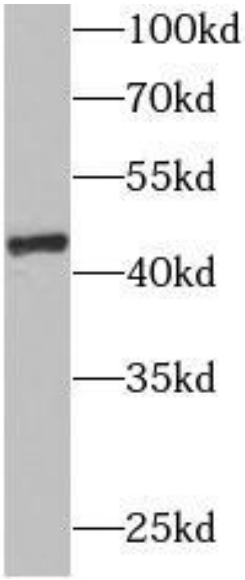
Tested Application: ELISA, WB, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:500-1:2000

Image:



IP Result of anti-GOT1 (IP: FNab03567, 4ug; Detection: FNab03567 1:1000) with mouse brain tissue lysate 3600ug.



HepG2 cells were subjected to SDS PAGE followed by western blot with FNab03567(GOT1 Antibody) at dilution of 1:1000

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