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GOT1 Rabbit mAb

Catalog No.: A11363 **Recombinant**

Basic Information

Observed MW
41kDa

Calculated MW
46kDa

Category
Primary antibody

Applications
ELISA,WB,IF/ICC

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC0579

Background

Glutamic-oxaloacetic transaminase is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and 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.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID
2805

Swiss Prot
P17174

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 150-250 of human GOT1 (NP_002070.1).

Synonyms
AST; AST1; SGOT; cCAT; GIG18; cAspAT; ASTQTL1; GOT1

Contact

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Product Information

Source
Rabbit

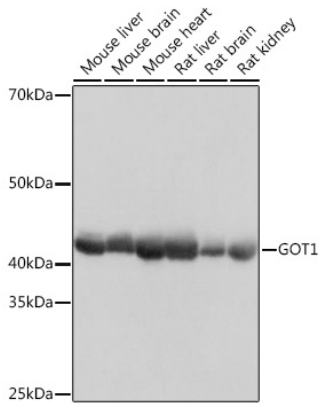**Isotype**
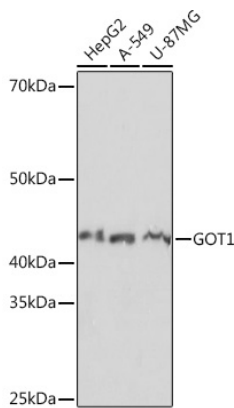IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
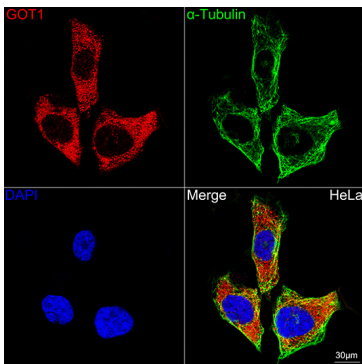Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data

Western blot analysis of various lysates using GOT1 Rabbit mAb (A11363) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.

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Confocal imaging of HeLa cells using GOT1
Rabbit mAb (A11363,dilution 1:100)(Red).
The cells were counterstained with α-Tubulin
Mouse mAb (AC012,dilution 1:400) (Green).
DAPI was used for nuclear staining (blue).
Objective: 60x.

Antibody | Protein | ELISA Kits | Enzyme | NGS | Service