

Anti-GOT2 Antibody
Catalog # ABV12004**Specification**

Anti-GOT2 Antibody - Product Information

Application	WB
Primary Accession	P00505
Reactivity	Human, Mouse
Host	Rabbit
Isotype	Rabbit IgG
Calculated MW	47518

Anti-GOT2 Antibody - Additional Information**Gene ID** 2806

Positive Control	WB: Hela, HepG2, HL-60, Ramos, mouse brain cell line; FC: Ramos cell line
Application & Usage	FC: 1:1000; WB: 1:10 - 1:50

Other Names

Aspartate aminotransferase, mitochondrial, mAspAT, 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

Target/Specificity

GOT2

Antibody Form

Liquid

Appearance

Colorless liquid

Handling

The antibody solution should be gently mixed before use

Reconstitution & Storage

-20°C

Background Descriptions**Precautions**

Anti-GOT2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-GOT2 Antibody - 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.

Anti-GOT2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-GOT2 Antibody - Images

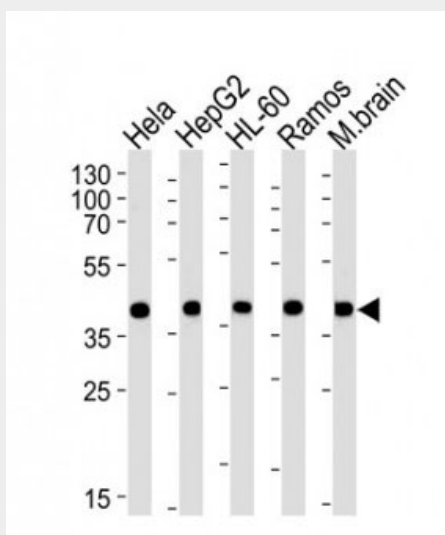


Fig. A. WB analysis of lysates from Hela, HepG2, HL-60, Ramos, mouse brain cell line (from left to right) using GOT2 Antibody