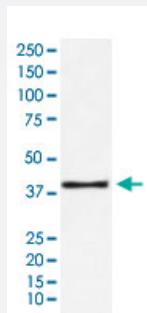


GOT1 monoclonal antibody, clone ADEA-7

Catalog # MAB22306

Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of MCF-7 cell lysate.

Specification

| | |
|----------------------------|---|
| Product Description | Rabbit monoclonal antibody raised against synthetic protein of human GOT1. |
| Immunogen | A synthetic peptide corresponding to human GOT1. |
| Host | Rabbit |
| Reactivity | Human |
| Specificity | This antibody reacts with human, mouse, rat GOT1, in native form and recombinant. Superfamily members of GOT1 are not reactive to antibody. |
| Form | Liquid |
| Purification | Affinity purification |
| Isotype | IgG |
| Recommend Usage | Western Blot (1:500-2000) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide). |

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of MCF-7 cell lysate.

Gene Info — GOT1

Entrez GeneID[2805](#)**Protein Accession#**[P17174](#)**Gene Name**

GOT1

Gene Alias

GIG18

Gene Description

glutamic-oxaloacetic transaminase 1, soluble (aspartate aminotransferase 1)

Omim ID[138180](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

OTTHUMP00000020254|aspartate aminotransferase 1|growth-inhibiting protein 18

Pathway

- [Alanine](#)
- [Arginine and proline metabolism](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Biosynthesis of phenylpropanoids](#)

- [Biosynthesis of plant hormones](#)
- [Carbon fixation in photosynthetic organisms](#)
- [Cysteine and methionine metabolism](#)
- [Isoquinoline alkaloid biosynthesis](#)
- [Metabolic pathways](#)
- [Novobiocin biosynthesis](#)
- [Phenylalanine](#)
- [Phenylalanine metabolism](#)
- [Tyrosine metabolism](#)