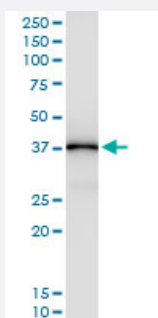


GOT1 (Human) IP-WB Antibody Pair

Catalog # H00002805-PW1

Size 1 Set

Applications



Immunoprecipitation of GOT1 transfected lysate using rabbit polyclonal anti-GOT1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-GOT1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90%); Rat (90%)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of GOT1 transfected lysate using rabbit polyclonal anti-GOT1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-GOT1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-GOT1 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-GOT1 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — GOT1

Entrez GeneID	2805
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](#)