

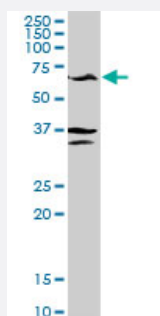
MaxPab®

GPT purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002875-D01P

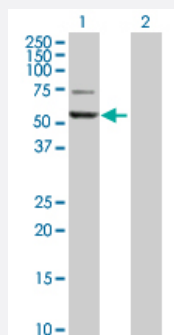
Size 100 ug

Applications



Western Blot (Tissue lysate)

GPT MaxPab rabbit polyclonal antibody. Western Blot analysis of GPT expression in mouse liver.



Western Blot (Transfected lysate)

Western Blot analysis of GPT expression in transfected 293T cell line ([H00002875-T01](#)) by GPT MaxPab polyclonal antibody.

Lane 1: GPT transfected lysate(54.60 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human GPT protein.

Immunogen

GPT (NP_005300.1, 1 a.a. ~ 496 a.a) full-length human protein.

Sequence

MASSTGDRSQAVRHGLRAKVLTLDGMPNPRVRRVEYAVRGPVQRALELEQELRQGVKKPFTEVI
RANIGDAQAMGQRPITFLRQVLALCVNPDLLSSPNFPDDAKKRAERILQACGGHSLGAYSVSSGI
QLIREDVARYIERRDGGIPADPNNVFLSTGASDAITVLKLLVAGEGHTRTGVLIPQYPLYSATLAE
LGAVQVDYLLDEERAWALDVAELHREALGQARDHCRPRALCVINPGNPTGQVQTRECIEAVIRFAF
EERLFLLADEVYQDNVYAAGSQFHSFKKVLMMGPYPYAGQQELASFHSTSKGYMGECGFRGGY
VEVNMDDAAVQQQMLKLMSVRLCPPVPGQALLDLVVSPPAPTDPSPFAQFQAEKQAVLAELA
AKLTEQVFNEAPGISCNPVQGAMYSFPRVQLPPRAVERAQELGLAPDMFFCLRLLEETGICVVP
SGFGQREGTYHFRMTILPPLEKLRLLLEKLSRFHAKFTLEYS

Host	Rabbit
Reactivity	Human, Mouse
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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Gene Info — GPT

Entrez GeneID	2875
GeneBank Accession#	NM_005309.1
Protein Accession#	NP_005300.1
Gene Name	GPT
Gene Alias	AAT1, ALT1, GPT1
Gene Description	glutamic-pyruvate transaminase (alanine aminotransferase)
Omim ID	138200
Gene Ontology	Hyperlink

Gene Summary

Glutamate-pyruvate transaminase (EC 2.6.1.2), also known as alanine aminotransferase, catalyzes the reversible conversion of L-alanine and alpha-ketoglutarate to L-glutamate and pyruvate. It has 2 distinct molecular and genetic forms: one cytoplasmic (soluble) (GPT1) and one mitochondrial (GPT2; MIM 138210). See ALTQTL1 (MIM 612363) and ALTQTL2 (MIM 612364) for information on quantitative trait loci influencing the plasma level of alanine aminotransferase.[supplied by OMIM]

Other Designations

alanine aminotransferase

Pathway

- [Alanine](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Carbon fixation in photosynthetic organisms](#)
- [Metabolic pathways](#)