

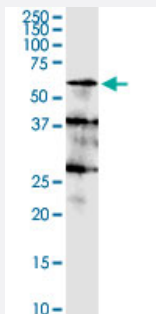
MaxPab®

GPT2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00084706-D01

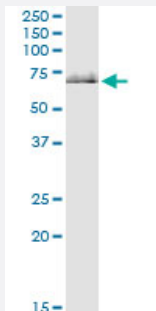
Size 100 uL

Applications



Western Blot (Tissue lysate)

GPT2 MaxPab rabbit polyclonal antibody. Western Blot analysis of GPT2 expression in mouse brain.



Immunoprecipitation

Immunoprecipitation of GPT2 transfected lysate using anti-GPT2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with GPT2 purified MaxPab mouse polyclonal antibody (B01P) ([H00084706-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human GPT2 protein.

Immunogen

GPT2 (NP_597700.1, 1 a.a. ~ 523 a.a) full-length human protein.

Sequence

MQRAAALVRRGCGPRTTPSSWGRSQSSAAAEASAVLKVRPERSRRERILTLESMNPQVKAVEYA
VRGPVLKAGEIELELQRGIKKPFTEVIRANIGDAQAMGQQPITFLRQVMALCTYPNLLDSPSPED
AKKRARRILQACGGNSLGSYSASQGVNCIREDVAAAYITRDGGVPADPDNYLTTGASDGISTILKIL
VSGGGKSRTGVMPIPIQYPLYSAVISELDAIQVNYLDEENCWALNVNELRRRAVQEAKDHCDPKVL
CIINPGNPTGQVQSRKCIEDVIHFAWEEKLFLLADEVYQDNVYSPDCRFHSFKKVL YEMGPEYSSN
VELASFHSTSKGYMGECGYRGGYMEVINLHPEIKGQLVKLLSVRLCPPVSGQAAMDIVNPPVAG
EESFEQFSREKESVLGNLAKKAKLTEDLFNQVPGIHCNPLQGAMYAFPRIFIPAKAVEAAQAHQM
APDMFYCMKLL EETGICVVP GSGFGQREGTYHFRMTILPPVEKLKTVLQKV KDFHINFLEKYA

Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (93); Rat (94)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
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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[Protocol Download](#)

Gene Info — GPT2

Entrez GeneID	84706
GeneBank Accession#	NM_133443.1
Protein Accession#	NP_597700.1
Gene Name	GPT2
Gene Alias	ALT2
Gene Description	glutamic pyruvate transaminase (alanine aminotransferase) 2
Omim ID	138210
Gene Ontology	Hyperlink

Gene Summary

GPT (MIM 138200) and GPT2 (EC 2.6.1.2), also known as alanine transaminases, are pyridoxal enzymes that catalyze the reversible transamination between alanine and 2-oxoglutarate to form pyruvate and glutamate. By mediating the conversion of these 4 major intermediate metabolites, these transaminases have roles in gluconeogenesis and in amino acid metabolism.[supplied by OMIM]

Other Designations

alanine aminotransferase 2|glutamic pyruvate transaminase 2|glutamic--alanine transaminase|glutamic--pyruvic transaminase|glutamic-pyruvate transaminase 2

Pathway

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