abbexa ®

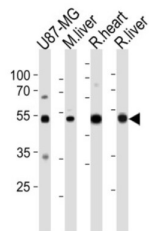# Alanine Aminotransferase 1 / ALT (GPT) Antibody

Catalogue No.:abx033420

GPT (Glutamate-pyruvate transaminase), also known as alanine aminotransferase, catalyzes the reversible conversion of L-alanine and alpha-ketoglutarate to L-glutamate and pyruvate. This protein has 2 distinct molecular and genetic forms: one cytoplasmic (soluble) (GPT1) and one mitochondrial (GPT2). See ALTQTL1 and ALTQTL2 for information on quantitative trait loci influencing the plasma level of alanine aminotransferase.

Target:	Alanine Aminotransferase 1 / ALT (GPT)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	WB: 1/1000, IHC-P: 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 118-144 amino acids from the N-terminal region of human GPT.
Isotype:	IgG
Form:	Liquid
Purification:	Purified Rabbit Polyclonal Antibody.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P24298 (**UniProt**, **ExPASy**)
NCBI Accession:	NP_005300.1

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KEGG:	hsa:2875
String:	**9606.ENSP00000378408**
Molecular Weight:	Calculated MW: 54.6 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Cow GPT.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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