

Anti-GPT/ALT1 Antibody

Catalog # ABV12002

Product Information

Application	WB, IHC
Primary Accession	P24298
Reactivity	Human, Mouse, Rat
Host	Rabbit
Isotype	Rabbit IgG
Calculated MW	54637

Additional Information

Gene ID	2875
Positive Control	IHC: human liver and kidney tissue sections; WB: U87-MG cell line, mouse liver and rat heart and liver tissue lysates
Application & Usage	IHC: 1:100; WB: 1:1000
Other Names	Alanine aminotransferase 1, ALT1, Glutamate pyruvate transaminase 1, GPT 1, Glutamic--alanine transaminase 1, Glutamic--pyruvic transaminase 1, GPT, AAT1, GPT1
Target/Specificity	GPT
Antibody Form	Liquid
Appearance	Colorless liquid
Handling	The antibody solution should be gently mixed before use
Reconstitution & Storage	-20°C
Background Descriptions	
Precautions	Anti-GPT/ALT1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GPT
Synonyms	AAT1, GPT1
Function	Catalyzes the reversible transamination between alanine and 2-oxoglutarate to form pyruvate and glutamate. Participates in cellular nitrogen metabolism and also in liver gluconeogenesis starting with precursors transported from skeletal muscles (By similarity).

Cellular Location	Cytoplasm.
Tissue Location	Liver, kidney, heart, and skeletal muscles. Expressed at moderate levels in the adipose tissue

Images

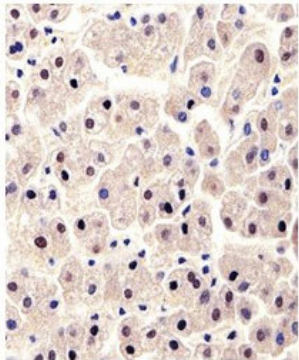


Fig. A. Immunohistochemical analysis of paraffin-embedded human liver section using Anti-GPTyALT1 Antibody

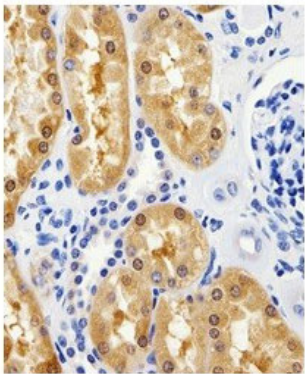


Fig. B. Immunohistochemical analysis of paraffin-embedded human kidney section using Anti-GPT/ALT1 Antibody

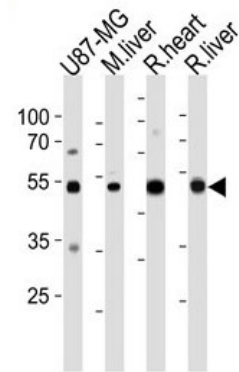


Fig. C. WB analysis of GPT1/ALT1 Antibody in U87-MG cell line, mouse liver and rat heart and liver tissue lysates (35ug/lane)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.