

Anti-GPT/ALT1 Antibody
Catalog # ABV12002**Specification**

Anti-GPT/ALT1 Antibody - Product Information

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

Anti-GPT/ALT1 Antibody - 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.

Anti-GPT/ALT1 Antibody - 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

Anti-GPT/ALT1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-GPT/ALT1 Antibody - Images

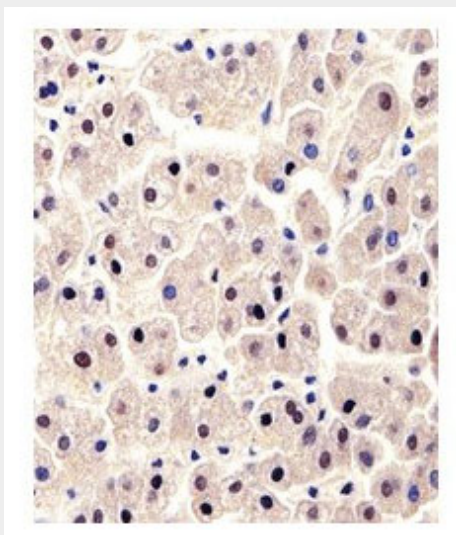


Fig. A. Immunohistochemical analysis of paraffin-embedded human liver section using Anti-GPT/ALT1 Antibody

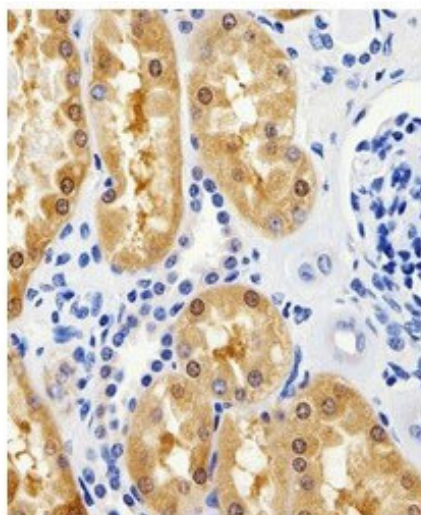


Fig. B. Immunohistochemical analysis of paraffin-embedded human kidney section using Anti-GPT/ALT1 Antibody

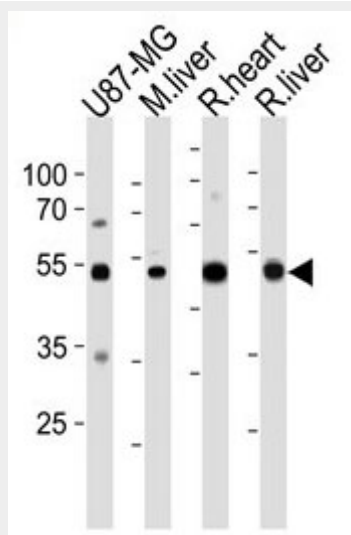


Fig. C. WB analysis of GPT1/ALT1 Antibody in U87-MG cell line, mouse liver and rat heart and liver tissue lysates (35ug/lane)