

**Anti-ALT1 / GPT1 Antibody (aa391-405)**  
Catalog # AF4285a**Specification**

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**Anti-ALT1 / GPT1 Antibody (aa391-405) - Product Information**

Application	WB
Primary Accession	<a href="#">P24298</a>
Other Accession	<a href="#">2875, NP_005300.1</a>
Reactivity	Human
Predicted	Human
Calculated MW	54637

**Anti-ALT1 / GPT1 Antibody (aa391-405) - Additional Information****Gene ID** 2875**Other Names**

acetylated, 6-(pyridoxal phosphate)lysine

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Anti-ALT1 / GPT1 Antibody (aa391-405) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-ALT1 / GPT1 Antibody (aa391-405) - 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-ALT1 / GPT1 Antibody (aa391-405) - 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-ALT1 / GPT1 Antibody (aa391-405) - Images**



Antibody (0.1  $\mu\text{g/ml}$ ) staining of Human Liver lysate (35  $\mu\text{g}$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.