

### Anti-ALT1 / GPT1 Antibody (aa391-405)

Catalog # AF4285a

## **Specification**

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

Application WB, E
Primary Accession P24298

Other Accession <u>2875</u>, <u>NP 005300.1</u>

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

**Dilution** 

WB~~1:1000

 $E \sim N/A$ 

### **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

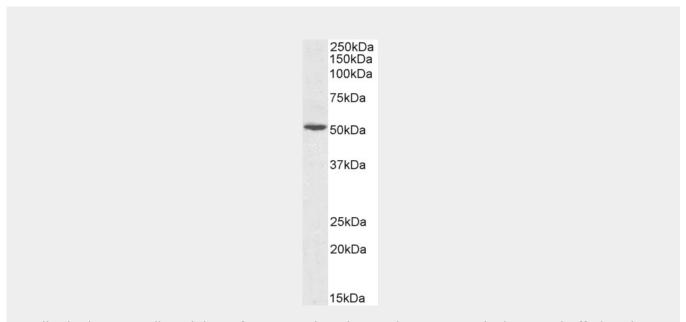


# Anti-ALT1 / GPT1 Antibody (aa391-405) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

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



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