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Anti-ALT1 / GPT1 Antibody (aa391-405)

Catalog # AF4285a

Product Information

Application	WB, E
Primary Accession	P24298
Other Accession	2875, NP_005300.1
Reactivity	Human
Predicted	Human
Calculated MW	54637

Additional Information

Gene ID	2875
Other Names	acetylated, 6-(pyridoxal phosphate)lysine
Dilution	WB~~1:1000 E~~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.

Protein Information

Name	GPT {ECO:0000303|PubMed:9119391, ECO:0000312|HGNC:HGNC:4552}
Function	Pyridoxal enzyme tha catalyzes the reversible transamination between alanine and 2-oxoglutarate to form pyruvate and glutamate (PubMed:11863375). By mediating the conversion of these four major intermediate metabolites, plays an important role in gluconeogenesis and amino acid metabolism (PubMed:11863375).
Cellular Location	Cytoplasm.
Tissue Location	Liver, kidney, heart, and skeletal muscles. Expressed at moderate levels in the adipose tissue

Images

Antibody (0.1 µg/ml) staining of Human Liver lysate (35



µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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