



GPT/ ALT1 Mouse mAb

Catalog No	YP-mAb-18863
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	GPT AAT1 GPT1
Immunogen	Synthesized peptide derived from human GPT/ ALT1
Specificity	This antibody detects endogenous levels of GPT/ ALT1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AAT1;Alanine aminotransferase 1;ALAT1;ALT1;GPT;GPT 1;GPT/ ALT1;GPT1; GPT AAT1 GPT1;Alanine aminotransferase 1 (ALT1) (Glutamate pyruvate transaminase 1) (GPT 1) (Glutamic--alanine transaminase 1) (Glutamic--pyruvic transaminase 1)
Observed Band	50-55 kDa
Calculated Molecular Weight	496 aa, 55 kDa
Cell Pathway	Cytoplasm.
Tissue Specificity	Liver, kidney, heart, and skeletal muscles. Expressed at moderate levels in the adipose tissue.
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).
Background	
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images