

GPT Antibody

Catalog No: #37322

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

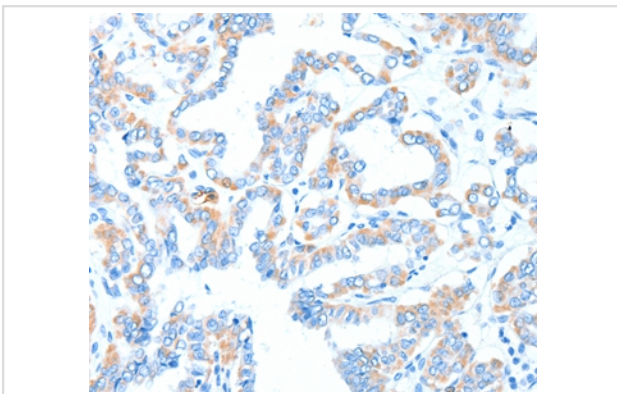
Description

Product Name	GPT Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total GPT protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human glutamic-pyruvate transaminase (alanine aminotransferase)
Target Name	GPT
Other Names	AAT1; ALT1; GPT1
Accession No.	Swiss-Prot#: P24298NCBI Gene ID: 2875Gene Accssion: NP_005300
Uniprot	P24298
GeneID	2875;
Concentration	2.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:25-1:100

Images



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #37322 at dilution 1/55.

Background

This gene encodes cytosolic alanine aminotransaminase 1 (ALT1); also known as glutamate-pyruvate transaminase 1. This enzyme catalyzes the reversible transamination between alanine and 2-oxoglutarate to generate pyruvate and glutamate and, therefore, plays a key role in the intermediary

metabolism of glucose and amino acids. Serum activity levels of this enzyme are routinely used as a biomarker of liver injury caused by drug toxicity, infection, alcohol, and steatosis. A related gene on chromosome 16 encodes a putative mitochondrial alanine aminotransaminase.

Note: This product is for in vitro research use only