For research purposes only, not for human use

Product Data Sheet

Anti-GPT Antibody

Catalog #	Source	Reactivity	Applications
CQA2864	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to GPT
Immunogen	Recombinant full length protein of human GPT
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of GPT protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200)
Gene Symbol	GPT
Alternative Names	AAT1; GPT1; Alanine aminotransferase 1; ALT1; Glutamate pyruvate transaminase 1; GPT 1; Glutamic--alanine transaminase 1; Glutamic--pyruvic transaminase 1
Entrez Gene	2875 (Human); 76282 (Mouse); 81670 (Rat)
SwissProt	P24298 (Human); Q8QZR5 (Mouse); P25409 (Rat)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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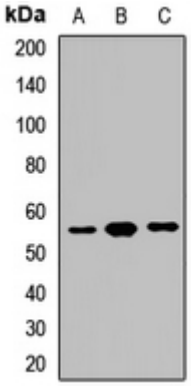
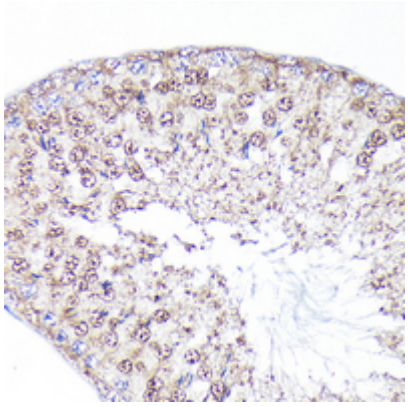


Western blot analysis of GPT expression in mouse lung (A), rat liver (B), rat heart (C) whole cell lysates. (Predicted band size: 54 kD; Observed band size: 55 kD)



Immunohistochemical analysis of GPT staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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