

## Rabbit anti-Human GPT Polyclonal Antibody | anti-GPT antibody

GPT Polyclonal Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA173194</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

GPT; Polyclonal Antibody; GPT Polyclonal Antibody; AAT1; ALT1; GPT1; anti-GPT antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                          |
|-----------------------------------------------|------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                   |
| Reactivity                                    | Human                                                                                    |
| Clonality                                     | Polyclonal                                                                               |
| Isotype                                       | IgG                                                                                      |
| Purity/Purification                           | Antigen Affinity Purification                                                            |
| Concentration                                 | 2mg/ml (varies by lot)                                                                   |
| Sequence Length                               | 152                                                                                      |
| Applicable Applications for anti-GPT antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                     |
| Immunogen                                     | Synthetic peptide of human GPT                                                           |
| Buffer                                        | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                         |
| Santa Cruz Alternative                        | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-47020 / sc-47022 |
| Preparation and Storage                       | Store at -20 degree C. Avoid freeze/thaw cycles.                                         |

### IMAGES



#### WB (Western Blot)

Western Blot analysis of A431 cells using GPT Polyclonal Antibody at dilution of 1/200



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using GPT Polyclonal Antibody at dilution of 1/30

### ADDITIONAL INFORMATION

#### Related Product Information for anti-GPT antibody

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.

NCBI AND UNIPROT INFORMATION

|                         |           |
|-------------------------|-----------|
| NCBI GI #               | 674135648 |
| Molecular Weight        | 55 kDa    |
| NCBI Official Full Name | gpt       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gpt-antibody-immunohistochemistry-western-blot-elisa/173194>