

## Rabbit GOT2 Polyclonal Antibody | anti-GOT2 antibody

GOT2 Rabbit Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                       |
|-----------|--------|-------------------|------------------------------------|
| AAA313952 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot |

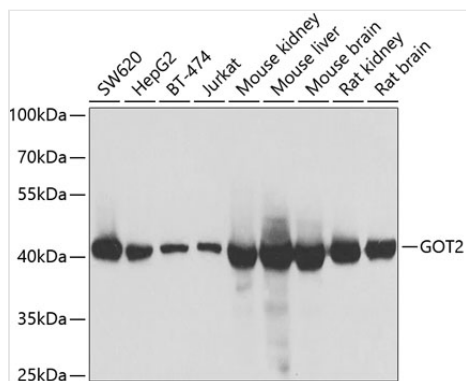
### PRODUCT SYNONYMS

GOT2; Polyclonal Antibody; GOT2 Rabbit Polyclonal Antibody; KAT4; KATIV; KYAT4; mitAAT; anti-GOT2 antibody

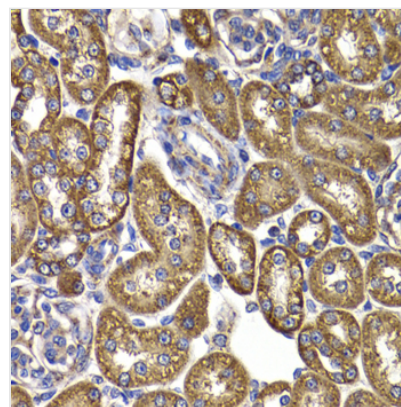
### PRODUCT SPECIFICATIONS

|                                                |                                                           |
|------------------------------------------------|-----------------------------------------------------------|
| Host                                           | Rabbit                                                    |
| Reactivity                                     | Human, Mouse, Rat                                         |
| Clonality                                      | Polyclonal                                                |
| Isotype                                        | IgG                                                       |
| Purity/Purification                            | Affinity purification                                     |
| Form/Format                                    | Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Applicable Applications for anti-GOT2 antibody | IHC (Immunohistochemistry), WB (Western Blot)             |
| Immunogen                                      | Recombinant fusion protein of human GOT2 (NP_002071.2).   |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.          |

### IMAGES


**WB (Western Blot)**

Western blot analysis of extracts of various cell lines, using GOT2 at 1:1000 dilution.


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded rat kidney using GOT2 at dilution of 1:100 (40x lens).

### ADDITIONAL INFORMATION

#### Related Product Information for anti-GOT2 antibody

Glutamic-oxaloacetic transaminase is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and inner-membrane mitochondrial forms, GOT1 and GOT2, respectively. GOT plays a role in amino acid metabolism and the urea and tricarboxylic acid cycles. The two enzymes are homodimeric and show close homology. Two transcript variants encoding different isoforms have been found for this gene.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 73486658                                                                                                                                                                                                                                                        |
| NCBI GeneID                      | 2806                                                                                                                                                                                                                                                            |
| NCBI Accession #                 | NP_002071.2                                                                                                                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_002080.2                                                                                                                                                                                                                                                     |
| UniProt Accession #              | P00505; Q53FL3; Q9BWA3                                                                                                                                                                                                                                          |
| Molecular Weight                 | 430                                                                                                                                                                                                                                                             |
| NCBI Official Full Name          | aspartate aminotransferase, mitochondrial                                                                                                                                                                                                                       |
| NCBI Official Synonym Full Names | glutamic-oxaloacetic transaminase 2, mitochondrial                                                                                                                                                                                                              |
| NCBI Official Symbol             | GOT2                                                                                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | KAT4; KATIV; mitAAT                                                                                                                                                                                                                                             |
| NCBI Protein Information         | aspartate aminotransferase, mitochondrial; FABP-1; FABPpm; mAspAT; transaminase A; aspartate transaminase 2; fatty acid-binding protein; aspartate aminotransferase 2; kynurenine aminotransferase 4; kynurenine aminotransferase IV; glutamate oxaloacetate tr |
| UniProt Protein Name             | Aspartate aminotransferase, mitochondrial                                                                                                                                                                                                                       |
| UniProt Gene Name                | <b>GOT2</b>                                                                                                                                                                                                                                                     |
| UniProt Synonym Gene Names       | mAspAT; FABP-1; FABPpm                                                                                                                                                                                                                                          |
| UniProt Entry Name               | AATM_HUMAN                                                                                                                                                                                                                                                      |

**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/got2-antibody-immunohistochemistry-western-blot-elisa/313952>