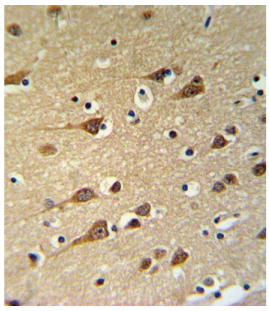
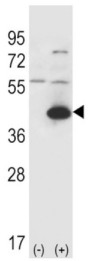
# Aspartate Aminotransferase, Cytoplasmic / AST (GOT1) Antibody

Catalogue No.:abx031814






Glutamic-oxaloacetic transaminase is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and 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.

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| **Target:** | Aspartate Aminotransferase, Cytoplasmic / AST (GOT1) |
| **Clonality:** | Polyclonal |
| **Reactivity:** | Human |
| **Tested Applications:** | ELISA, WB, IHC, FCM |
| **Host:** | Rabbit |
| **Recommended dilutions:** | WB: 1/1000, IHC-P: 1/10 - 1/50, FCM: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user. |


Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com

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| **Conjugation:** | Unconjugated |
| **Immunogen:** | KLH-conjugated synthetic peptide between 352-381 amino acids from the C-terminal region of human GOT1. |
| **Isotype:** | IgG |
| **Form:** | Liquid |
| **Purification:** | Purified through a protein A column, followed by peptide affinity purification. |
| **Storage:** | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| **UniProt Primary AC:** | P17174 (UniProt, ExPASy) |
| **Gene Symbol:** | GOT1 |
| **KEGG:** | hsa:2805 |
| **String:** | 9606.ENSP00000359539 |
| **Molecular Weight:** | Calculated MW: 46.2 kDa |
| **Buffer:** | PBS containing 0.09% sodium azide. |
| **Specificity:** | Predicted to react with Mouse and Rat GOT1. |
| **Note:** | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |




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