

## GOT1 polyclonal antibody

Catalog: BS90590

Host: Rabbit

Reactivity: Human

**BackGround:**

Biosynthesis of L-glutamate from L-aspartate or L-cysteine. Important regulator of levels of glutamate, the major excitatory neurotransmitter of the vertebrate central nervous system. Acts as a scavenger of glutamate in brain neuroprotection. The aspartate aminotransferase activity is involved in hepatic glucose synthesis during development and in adipocyte glyceroneogenesis. Using L-cysteine as substrate, regulates levels of mercaptopyruvate, an important source of hydrogen sulfide. Mercaptopyruvate is converted into H<sub>2</sub>S via the action of 3-mercaptopyruvate sulfurtransferase (3MST). Hydrogen sulfide is an important synaptic modulator and neuroprotectant in the brain.

**Product:**

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

**Molecular Weight:**

46 kDa

**Swiss-Prot:**

P17174(Human)

**Purification&Purity:**

Protein affinity purified.

**Applications:**

WB:1:500

IHC:1:50-1:200

FC:1:50-1:100

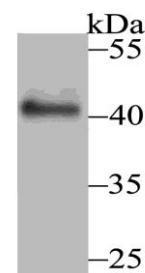
**Storage&Stability:**

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid

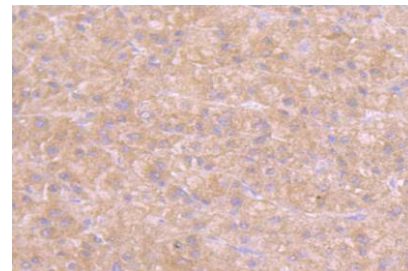
repeated freeze / thaw cycles.

**Specificity:**

GOT1 polyclonal antibody detects endogenous levels of GOT1 protein.

**DATA:**

Western blot analysis of GOT1 on K562 cell lysate using anti-GOT1 antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-GOT1 antibody. Counter stained with hematoxylin.

**Note:**

For research use only, not for use in diagnostic procedure.

**Bioworld Technology, Inc.**

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

**Bioworld technology, co. Ltd.**

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151