

RACO0155

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## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Human

**Isotype:**

Rabbit IgG

**Applications:**

ELISA, WB, IHC, IF

**Recommended dilutions:**

WB:1:500-1:5000, IHC:1:50-1:200, IF:1:20-1:200

**Protein Background:**

Exhibits glutathione-dependent thiol transferase and dehydroascorbate reductase activities. Has S-(phenacyl)glutathione reductase activity. Has also glutathione S-transferase activity. Participates in the biotransformation of inorganic arsenic and reduces monomethylarsonic acid (MMA) and dimethylarsonic acid.

**Gene ID:**

GSTO1

**Uniprot**

P78417

**Synonyms:**

Glutathione S-transferase omega-1, Glutathione S-transferase omega 1-1, GSTO 1-1, Glutathione-dependent dehydroascorbate reductase, GSTO1, GSTTLP28

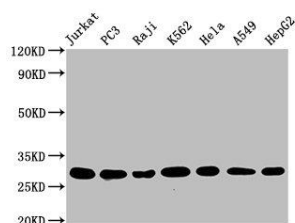
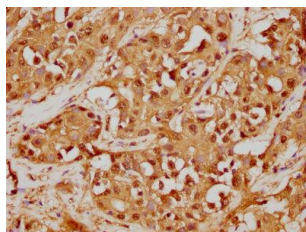
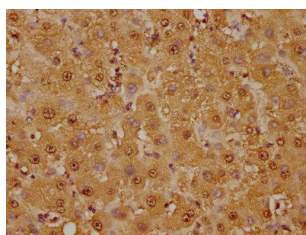
**Immunogen:**

A synthesized peptide derived from human GSTO1.

**Storage:**

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

## Product Images



IHC image of RACO0155 diluted at 1:125 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

IHC image of RACO0155 diluted at 1:125 and staining in paraffin-embedded human liver cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

### Western Blot

Positive WB detected in( Jurkat whole cell lysate) PC3 whole cell lysate) Raji whole cell lysate) K562 whole cell lysate) HeLa whole cell lysate) A549 whole cell lysate) HepG2 whole cell lysate) All lanes: GSTO1 antibody at 1.25µg/ml

### Secondary

Goat polyclonal to rabbit IgG at 1:50000 dilution

Predicted band size: 28, 24, 25 KDa

Observed band size: 28 KDa