

PACO44085

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## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:200-1:1000,  
IHC:1:20-1:200

**Protein Background:**

Catalyzes the conversion of hemimercaptal, formed from methylglyoxal and glutathione, to S-lactoylglutathione. Involved in the regulation of TNF-induced transcriptional activity of NF-kappa-B. Required for normal osteoclastogenesis.

**Gene ID:**

GLO1

**Uniprot**

Q04760

**Synonyms:**

Lactoylglutathione lyase (EC 4.4.1.5) (Aldoketomutase) (Glyoxalase I) (Glx I) (Ketone-aldehyde mutase) (Methylglyoxalase) (S-D-lactoylglutathione methylglyoxal lyase), GLO1

**Immunogen:**

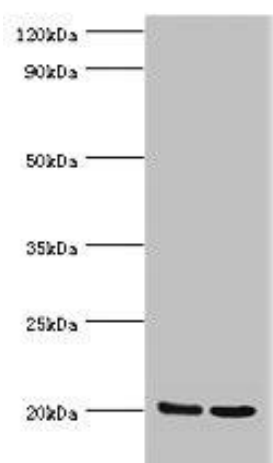
Recombinant Human Lactoylglutathione lyase protein (1-184AA).

**Storage:**

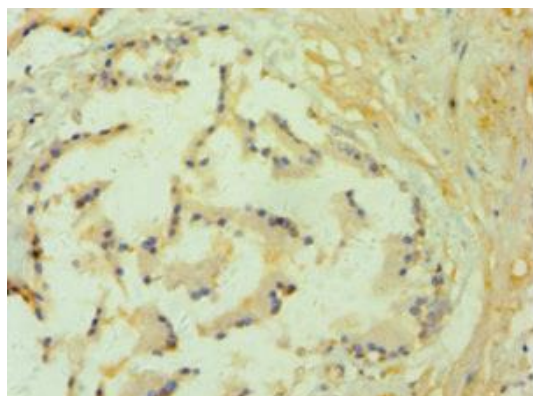
PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot. All lanes: GLO1 antibody at 2 $\mu$ g/ml. Lane 1: HepG2 whole cell lysate. Lane 2: Hela whole cell lysate. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 21, 20 kDa. Observed band size: 21 kDa.



Immunohistochemistry of paraffin-embedded human prostate tissue using PACO44085 at dilution of 1:100.