

A Reliable Research Partner in Life Science and Medicine

# **GSTA1 Polyclonal Antibody**

catalog number: D-AB-10180L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

Reactivity Human; Mouse; Rat

Immunogen Recombinant Mouse Gsta1 protein expressed by E.coli

Host Rabbit Isotype IgG

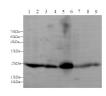
Purification Antigen Affinity Purification

**Buffer** PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

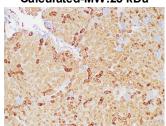
**WB** 1:500-1:1000

#### Data

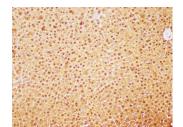


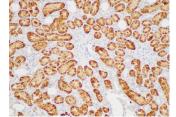
Western blot with Gsta1 Polyclonal antibody at dilution of 1:1000.lane 1:Caco-2 whole cell lysate,lane 2:Mouse liver,lane 3:Mouse testis,lane 4: Mouse kidney,lane 5:Mouse pancreas,lane 6:Rat liver,lane 7:Rat testis,lane 8: Rat

kidney,lane 9:Rat pancreas Observed-MW:25 kDa Calculated-MW:25 kDa



Immunohistochemistry of paraffin-embedded Mouse kidney Immunohistochemistry of paraffin-embedded Rat liver using using GSTA1 Polycloanl Antibody at dilution of 1:200 GSTA1 Polycloanl Antibody at dilution of 1:200





Immunohistochemistry of paraffin-embedded Rat kidney using GSTA1 Polycloanl Antibody at dilution of 1:200

## **Preparation & Storage**

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web: www.elabscience.com Email: techsupport@elabscience.com



## **Elabscience Bionovation Inc.**

A Reliable Research Partner in Life Science and Medicine

**Shipping** 

The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

## **Background**

This gene encodes a member of a family of enzymes that function to add glutathione to target electrophilic compounds, including carcinogens, therapeutic drugs, environmental toxins, and products of oxidative stress. This action is an important step in detoxification of these compounds. This subfamily of enzymes has a particular role in protecting cells from reactive oxygen species and the products of peroxidation. Polymorphisms in this gene influence the ability of individuals to metabolize different drugs. This gene is located in a cluster of similar genes and pseudogenes on chromosome 6. Alternative splicing results in multiple transcript variants.

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web: www.elabscience.com
 Email: techsupport@elabscience.com
 Rev. V2.3