

A Reliable Research Partner in Life Science and Medicine

# **GSTA1 Polyclonal Antibody**

catalog number: D-AB-10164L

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

### **Description**

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human GSTA1 protein expressed by E.coli

Host Rabbit Isotype IgG

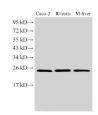
**Purification** Antigen Affinity Purification

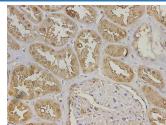
**Buffer** PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

### Applications Recommended Dilution

WB 1:500-1:1000 IHC 1:400-1:800

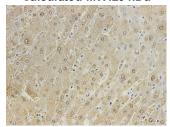
#### Data





Western Blot analysis of Caco-2, Rat testis and Mouse liver Immunohistochemistry of paraffin-embedded Human kidney using GSTA1 Polyclonal Antibody at dilution of 1:500 tissue using GSTA1 Polyclonal Antibody at dilution of 1:450

Observed-MW:26 kDa Calculated-MW:25 kDa



Immunohistochemistry of paraffin-embedded Human liver tissue using GSTA1 Polyclonal Antibody at dilution of 1:450

### **Preparation & Storage**

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

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.

### For Research Use Only

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