

# GSTA1 Polyclonal Antibody

Catalog Number:D-AB-10164L

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

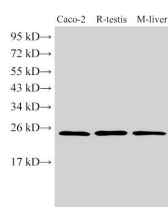
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Recombinant Human GSTA1 protein expressed by E.coli
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Applications Recommended Dilution

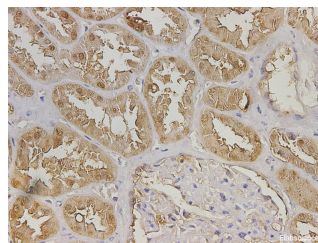
<b>WB</b>	1:500-1:1000
<b>IHC</b>	1:400-1:800

## Data

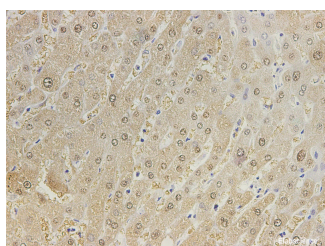


Western Blot analysis of Caco-2, Rat testis and Mouse liver using GSTA1 Polyclonal Antibody at dilution of 1:500

**Observed Mw:26 kDa**  
**Calculated Mw:25 kDa**



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



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

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## 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

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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.

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