# **GSTA1** Rabbit pAb

Catalog No.: A1628 4 Publications



# **Basic Information**

#### **Observed MW**

26kDa

#### **Calculated MW**

26kDa

## Category

Primary antibody

## **Applications**

WB, ELISA

### **Cross-Reactivity**

Human, Rat

# **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.

# **Recommended Dilutions**

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

**ELISA** 

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay

requirements.

# **Immunogen Information**

**Gene ID**2938

Swiss Prot
P08263

### **Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

# **Synonyms**

GST2; GTH1; GSTA1-1; GST-epsilon; GSTA1

## **Contact**

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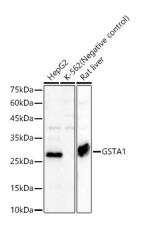
## **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of various lysates, using GSTA1 Rabbit pAb (A1628) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins:  $25\mu g$  per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.