

# GSTZ1 Rabbit Polyclonal Antibody



CAB6129

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

24KDa

### Calculated MW:

17kDa/19kDa/24kDa

### Applications:

WB

### Reactivity:

Human, Mouse, Rat

## Protein Background

This gene is a member of the glutathione S-transferase (GSTs) super-family which encodes multifunctional enzymes important in the detoxification of electrophilic molecules, including carcinogens, mutagens, and several therapeutic drugs, by conjugation with glutathione. This enzyme catalyzes the conversion of maleylacetoacetate to fumarylacetoacetate, which is one of the steps in the phenylalanine/tyrosine degradation pathway. Deficiency of a similar gene in mouse causes oxidative stress. Several transcript variants of this gene encode multiple protein isoforms.

## Immunogen information

### Gene ID:

2954

### Uniprot

O43708

### Synonyms:

GSTZ1; GSTZ1-1; MAAI; MAI

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

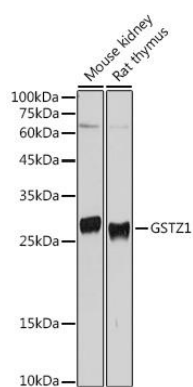
Recombinant fusion protein containing a sequence corresponding to amino acids 1-216 of human GSTZ1 (NP\_665877.1).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using GSTZ1 antibody (CAB6129) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.