

# GSTZ1 Conjugated Antibody

Catalog No: #C31851

Package Size: #C31851-AF350 100ul #C31851-AF405 100ul #C31851-AF488 100ul #C31851-AF555 100ul #C31851-AF594 100ul #C31851-AF647 100ul #C31851-AF680 100ul #C31851-AF750 100ul #C31851-Biotin 100ul #C31851-Conjugated 50ul

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## Description

Product Name	GSTZ1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB, IF
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Fusion protein of human GSTZ1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Target Name	GSTZ1
Other Names	MAI; MAAI; MAAID; GSTZ1-1
Accession No.	Swiss-Prot#: O60759NCBI Protein#: BC001453
Calculated MW	24 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at -20°C/1 year

## Application Details

WB: 1:50-1:200

IF:1:50-1:200

## 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.