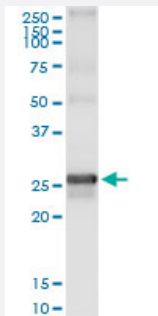


GSTZ1 (Human) IP-WB Antibody Pair

Catalog # H00002954-PW2

Size 1 Set

Applications



Immunoprecipitation of GSTZ1 transfected lysate using rabbit polyclonal anti-GSTZ1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-GSTZ1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of GSTZ1 transfected lysate using rabbit polyclonal anti-GSTZ1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-GSTZ1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-GSTZ1 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-GSTZ1 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — GSTZ1

Entrez GeneID [2954](#)

Gene Name GSTZ1

Gene Alias GSTZ1-1, MAAI, MAI, MGC2029

Gene Description glutathione transferase zeta 1

Omim ID [603758](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 also plays a significant role in the catabolism of phenylalanine and tyrosine. Thus defects in this enzyme may lead to severe metabolic disorders including alkaptonuria, phenylketonuria and tyrosinaemia. Several transcript variants of this gene encode multiple protein isoforms. [provided by RefSeq]

Other Designations S-(hydroxyalkyl)glutathione lyase|glutathione S-alkyltransferase|glutathione S-aralkyltransferase|glutathione S-aryltransferase|glutathione s-transferase Zeta 1|maleylacetoacetate isomerase|maleylacetone isomerase

Pathway

- [Drug metabolism - cytochrome P450](#)
- [Glutathione metabolism](#)
- [Metabolic pathways](#)
- [Metabolism of xenobiotics by cytochrome P450](#)
- [Styrene degradation](#)
- [Tyrosine metabolism](#)

Disease

- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Cognition](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Keratosis](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Parkinson disease](#)
- [Pulmonary Disease](#)
- [Sensation Disorders](#)
- [Urinary Bladder Neoplasms](#)
- [Vestibular Diseases](#)
- [Werner syndrome](#)