

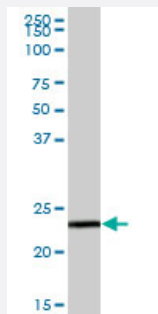
MaxPab®

GSTZ1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002954-B01P

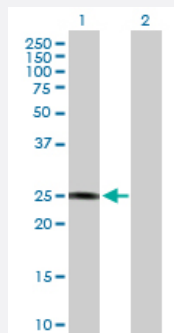
Size 50 ug

Applications



Western Blot (Tissue lysate)

GSTZ1 MaxPab polyclonal antibody. Western Blot analysis of GSTZ1 expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of GSTZ1 expression in transfected 293T cell line ([H00002954-T01](#)) by GSTZ1 MaxPab polyclonal antibody.

Lane1:GSTZ1 transfected lysate(23.76 KDa).

Lane2:Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human GSTZ1 protein.
Immunogen	GSTZ1 (NP_665877.1, 1 a.a. ~ 216 a.a) full-length human protein.
Sequence	MQAGKPILYSYFRSSCSWRVRIALALKGIDYETVPINLIKDGGQQFSKDFQALNPMKQVPTLKIDGITI HQSLAIIIEYLEEMRPTPRLLPQDPKKRASVRMISDLIAGGIQPLQNLVLKQVGEEMQLTWAQNAIT CGFNALEQILQSTAGIYCVGDEVTMADLCLVPQVANAERFKVDLTPYPTISSINKRLLVLEAFQVSH PCRQPDTPTELRA
Host	Mouse
Reactivity	Human

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of GSTZ1 expression in transfected 293T cell line ([H00002954-T01](#)) by GSTZ1 MaxPab polyclonal antibody.

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Gene Info — GSTZ1

Entrez GeneID	2954
GeneBank Accession#	NM_145870.1
Protein Accession#	NP_665877.1
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](#)
- [Keratosi](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Parkinson disease](#)
- [Pulmonary Disease](#)
- [Sensation Disorders](#)

- [Urinary Bladder Neoplasms](#)
- [Vestibular Diseases](#)
- [Werner syndrome](#)