

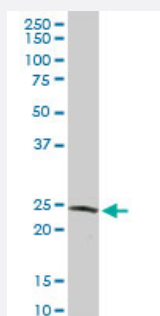
MaxPab®

GSTZ1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00002954-D01

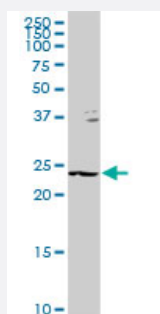
Size 100 uL

Applications



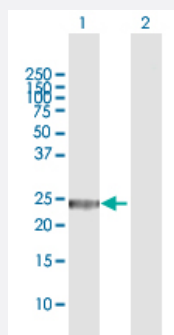
Western Blot (Tissue lysate)

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



Western Blot (Tissue lysate)

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

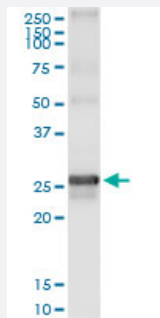


Western Blot (Transfected lysate)

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

Lane 1: GSTZ1 transfected lysate(24.1 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of GSTZ1 transfected lysate using anti-GSTZ1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with GSTZ1 purified MaxPab mouse polyclonal antibody (B01P) ([H00002954-B01P](#)).

Specification

Product Description	Rabbit 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 HQSLAIIIEYLEEMRPTPRLLPQDPKKRASVRMISDLIAGGIQPLQNLSVLKQVGEEMQLTWAQNAIT CGFNALEQILQSTAGIYCVGDEVTMADLCLVPQVANAERFKVDLTPYPTISSINKRLLVLEAFQVSH PCRQPDTPTELRA
Host	Rabbit
Reactivity	Human, Mouse
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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

[Protocol Download](#)

- Western Blot (Tissue lysate)

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

[Protocol Download](#)

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

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- Immunoprecipitation

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[Protocol Download](#)

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](#)