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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)

GSTZ1 (Human) Matched Antibody Pair

Catalog # : H00002954-AP51

規格 : [1 Set]

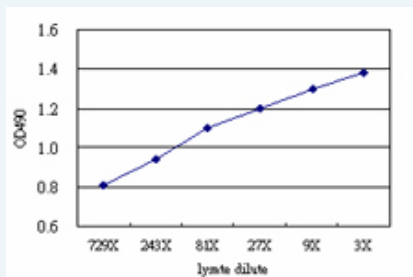
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Specification

Product Description: This antibody pair set comes with matched antibody pair to detect and quantify protein level of human GSTZ1.

Reactivity: Human

Quality Control Testing: Standard curve using GSTZ1 293T overexpression lysate (non-denatured) as an analyte.



Sandwich ELISA detection sensitivity ranging from approximately 729x to 3x dilution of the GSTZ1 293T overexpression lysate (non-denatured).

Supplied Product: Antibody pair set content:
 1. Capture antibody: mouse monoclonal anti-GSTZ1 (100 ug)
 2. Detection antibody: rabbit purified polyclonal anti-GSTZ1 (50 ug)
 *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.

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.

MSDS:  [Download](#)

Applications

ELISA Pair (Transfected lysate)

 [Protocol Download](#)

Gene Information

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](#)

Application Image

ELISA Pair (Transfected lysate)

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

Gene Pathway

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

Related Disease

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