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Lieferung & Zahlungsart

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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) 



GSTM5 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00002949-B01P

規格 : [50 ug]

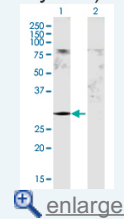
[List All](#)


Specification

| | |
|---------------------------------|---|
| Product Description: | Mouse polyclonal antibody raised against a full-length human GSTM5 protein. |
| Immunogen: | GSTM5 (NP_000842.2, 1 a.a. ~ 218 a.a) full-length human protein. |
| Sequence: | MPMTLGYWDIRGLAHAIRLLLEYTDSSYVEKKYTLGDAPDYDRSQWLNE KFKLGLDFPNLPYLIDGAHKITQSNAILRYIARKHNLGGETEEEEKIRVDILEN QVMDNHMELVRLCYDPDFEKLKPKYLEELPEKCLKLYSEFLGKRPWFGD KITFVDFLAYDVLDMKRIFEPKCLDAFLNLKDFISRFEGLKKISAYMKSSQF LRGLLFGKSATWNSK |
| 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. |
| MSDS: |  Download |
| Datasheet: |  Download |

Application Image

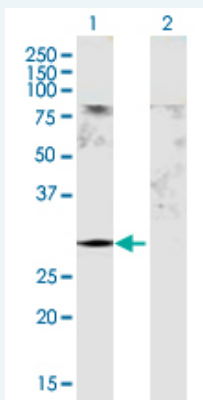
Western Blot (Transfected lysate)



 [enlarge](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of GSTM5 expression in transfected 293T cell line (H00002949-T01) by GSTM5 MaxPab polyclonal antibody.

Lane 1: GSTM5 transfected lysate(25.70 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [2949](#)

GeneBank Accession#: [NM_000851.2](#)

Protein Accession#: [NP_000842.2](#)

Gene Name: GSTM5

Gene Alias: GSTM5-5,GTM5

Gene Description: glutathione S-transferase mu 5

Omim ID: [138385](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Cytosolic and membrane-bound forms of glutathione S-transferase are encoded by two distinct supergene families. At present, eight distinct classes of the soluble cytoplasmic mammalian glutathione S-transferases have been identified: alpha, kappa, mu, omega, pi, sigma, theta and zeta. This gene encodes a glutathione S-transferase that belongs to the mu class. The mu class of enzymes functions in the detoxification of electrophilic compounds, including carcinogens, therapeutic drugs, environmental toxins and products of oxidative stress, by conjugation with glutathione. The genes encoding the mu class of enzymes are organized in a gene cluster on chromosome 1p13.3 and are known to be highly polymorphic. These genetic variations can change an individual's susceptibility to carcinogens and toxins as well as affect the toxicity and efficacy of certain drugs. Diversification of these genes has occurred in regions encoding substrate-binding domains, as well as in tissue expression patterns, to accommodate an increasing number of foreign compounds. [provided by RefSeq]

Other Designations: GST class-mu 5,OTTHUMP00000013359,S-(hydroxyalkyl)glutathione lyase M5,glutathione S-alkyltransferase M5,glutathione S-aralkyltransferase M5,glutathione S-aryltransferase M5,glutathione S-transferase M5

Gene Pathway

[Drug metabolism - cytochrome P450](#) [Glutathione metabolism](#)
[Metabolism of xenobiotics by cytochrome P450](#)

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