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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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GSTM4 (Human) IP-WB Antibody Pair

Catalog # : H00002948-PW2

規格 : [1 Set]

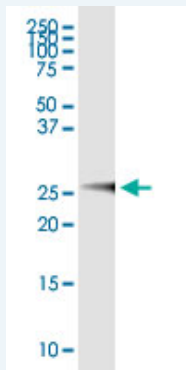
List All

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 GSTM4 transfected lysate using rabbit polyclonal anti-GSTM4 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-GSTM4.

Supplied Product: Antibody pair set content:
1. Antibody pair for IP: rabbit polyclonal anti-GSTM4 (300 ul)
2. Antibody pair for WB: mouse purified polyclonal anti-GSTM4 (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 Information

Entrez GeneID: [2948](#)

Gene Name: GSTM4

Gene Alias: GSTM4-4,GTM4,MGC131945,MGC9247

Gene Description: glutathione S-transferase mu 4

Omim ID: [138333](#)

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. Multiple transcript variants, each encoding a distinct protein isoform, have been identified. [provided by RefSeq]

Other GST class-mu 4,GTS-
Designations: Mu2,OTTHUMP00000013356,OTTHUMP00000013358,S-(hydroxyalkyl)glutathione lyase M4,glutathione S-alkyltransferase M4,glutathione S-aralkyltransferase M4,glutathione S-aryltransferase M4,glutathione S-transferase M4

Gene Pathway

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

Related Disease

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