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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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GSTP1 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00002950-D01P

規格 : [100 ug]

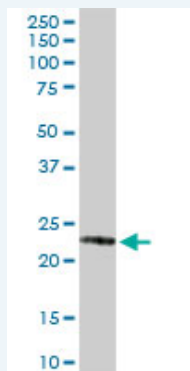
[List All](#)

Specification

Product Description:	Rabbit polyclonal antibody raised against a full-length human GSTP1 protein.
Immunogen:	GSTP1 (AAH10915.1, 1 a.a. ~ 210 a.a) full-length human protein.
Sequence:	MPPYTVVYFPVRGRCAALRMLLADQGQSWKEEVTVETWQEGSLKAS CLYGQLPKFQDGDLTLYQSNTILRHLGRTLGLYGKQQEAAALVDMVND GVEDLRCKYVSLIYTNYEAGKDDYVKALPGQLKPFETLLSQNQQGGKTFIV GDQISFADYNLLDLLLIHEVLAPGCLDAFPLLSAYVGRLSARPCLKAFLAS PEYVNLPIGNGKQ
Host:	Rabbit
Reactivity:	Human, Mouse
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

Applications

Western Blot (Tissue lysate)



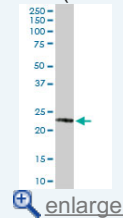
GSTP1 MaxPab rabbit polyclonal antibody. Western Blot analysis of GSTP1 expression in human kidney.

 [Protocol Download](#)

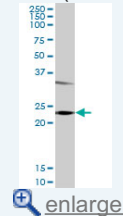
Western Blot (Tissue lysate)

Application Image

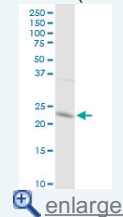
Western Blot (Tissue lysate)



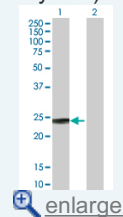
Western Blot (Tissue lysate)



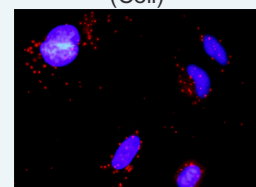
Western Blot (Cell lysate)



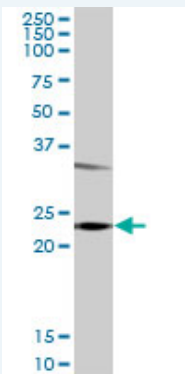
Western Blot (Transfected lysate)



In situ Proximity Ligation Assay (Cell)



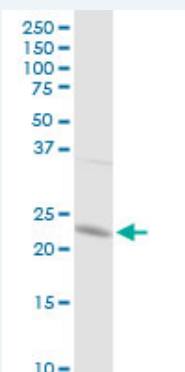
 [enlarge](#)



GSTP1 MaxPab rabbit polyclonal antibody. Western Blot analysis of GSTP1 expression in mouse liver.

 [Protocol Download](#)

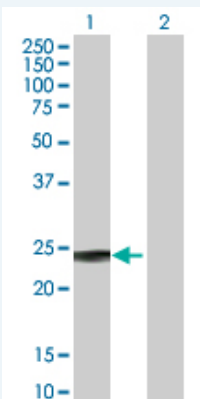
Western Blot (Cell lysate)



GSTP1 MaxPab rabbit polyclonal antibody. Western Blot analysis of GSTP1 expression in HeLa.

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Western Blot (Transfected lysate)



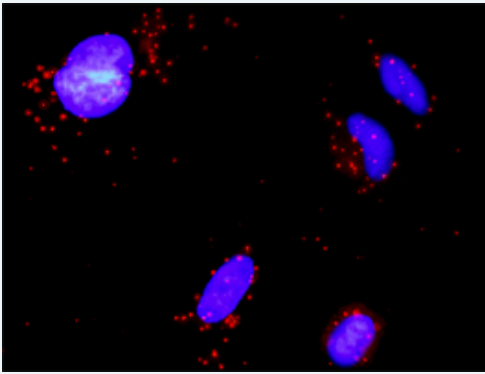
Western Blot analysis of GSTP1 expression in transfected 293T cell line ([H00002950-T01](#)) by GSTP1 MaxPab polyclonal antibody.

Lane 1: GSTP1 transfected lysate(23.30 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

In situ Proximity Ligation Assay (Cell)



Proximity Ligation Analysis of protein-protein interactions between GSTP1 and MAPK8. HeLa cells were stained with anti-GSTP1 rabbit purified polyclonal 1:1200 and anti-MAPK8 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Gene Information

Entrez GeneID: [2950](#)

GeneBank Accession#: [BC010915.1](#)

Protein Accession#: [AAH10915.1](#)

Gene Name: GSTP1

Gene Alias: DFN7,FAEES3,GST3,PI

Gene Description: glutathione S-transferase pi 1

Omim ID: [134660](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Glutathione S-transferases (GSTs) are a family of enzymes that play an important role in detoxification by catalyzing the conjugation of many hydrophobic and electrophilic compounds with reduced glutathione. Based on their biochemical, immunologic, and structural properties, the soluble GSTs are categorized into 4 main classes: alpha, mu, pi, and theta. This GST family member is a polymorphic gene encoding active, functionally different GSTP1 variant proteins that are thought to function in xenobiotic metabolism and play a role in susceptibility to cancer, and other diseases. [provided by RefSeq]

Other Designations: OTTHUMP00000174659,deafness, X-linked 7,fatty acid ethyl ester synthase III,glutathione transferase

Gene Pathway

[Drug metabolism - cytochrome P450](#) [Glutathione metabolism](#)
[Metabolism of xenobiotics by cytochrome P450](#) [Pathways in cancer](#) [Prostate cancer](#)

Related Disease

[Abortion](#), [Habitual Absenteeism](#) [Acquired Immunodeficiency Syndrome](#) [Acute Disease](#)
[Acute Lung Injury](#) [Adenocarcinoma](#) [Adenocarcinoma, Bronchiolo-Alveolar](#)
[Adenocarcinoma, Clear Cell](#) [Adenoma](#) [Adenoma, Liver Cell](#) [Adenomatous Polyposis Coli](#)
[Airway Remodeling](#) [Alcoholism](#) [alpha 1-Antitrypsin Deficiency](#)
[Alpha-1-antitrypsin deficiency](#) [Altitude Sickness](#) [Alzheimer Disease](#) [Alzheimer disease](#)
[Amphetamine-Related Disorders](#)

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