

# Product Datasheet

## Glutathione S-Transferase pi 1/GSTP1 Antibody H00002950-D01P

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00002950-D01P**

## Glutathione S-Transferase pi 1/GSTP1 Antibody

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4)

**Product Description**

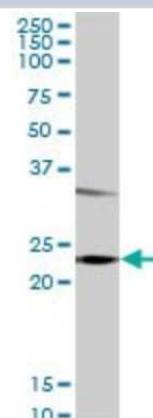
<b>Description</b>	Quality control test: Antibody reactive against mammalian transfected lysate.
<b>Host</b>	Rabbit
<b>Gene ID</b>	2950
<b>Gene Symbol</b>	GSTP1
<b>Species</b>	Human, Mouse
<b>Specificity/Sensitivity</b>	GSTP1 - glutathione S-transferase pi,
<b>Immunogen</b>	GSTP1 (AAH10915.1, 1 a.a. - 210 a.a.) full-length human protein. MPPYTVVYFPVRGRCAALRMLLADQGQSWKEEVVTETWQEGSLKASCLYG QLPKFQDGDLTLYQSNTILRHLGRTLGLYGKDQQEAALVDMVNDGVEDLRCKY VSLIYTNYEAGKDDYVKALPGQLKPFETLLSQNQGGKTFIVGDQISFADYNLLDL LLIHEVLAPGCLDAFPLLSAYVGRSLARPKLKAFLASPEYVNLPINGNGKQ
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

**Product Application Details**

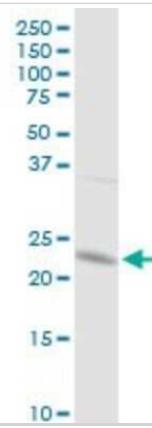
<b>Applications</b>	Western Blot, Proximity Ligation Assay
<b>Recommended Dilutions</b>	Western Blot, Proximity Ligation Assay
<b>Application Notes</b>	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control.

**Images**

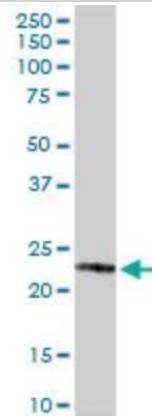
Western Blot: Glutathione S-Transferase pi 1/GSTP1 Antibody [H00002950-D01P] - Analysis of GSTP1 expression in mouse liver.



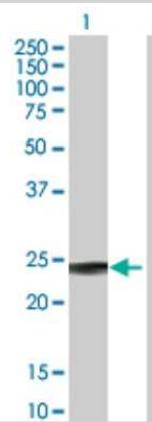
Western Blot: Glutathione S-Transferase pi 1/GSTP1 Antibody [H00002950-D01P] - Analysis of GSTP1 expression in HeLa.



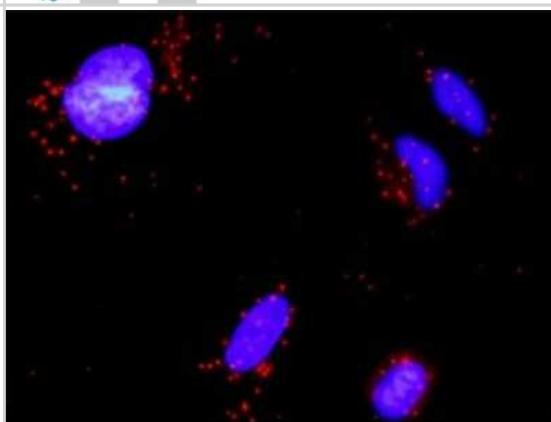
Western Blot: Glutathione S-Transferase pi 1/GSTP1 Antibody [H00002950-D01P] - Analysis of GSTP1 expression in human kidney.



Western Blot: Glutathione S-Transferase pi 1/GSTP1 Antibody [H00002950-D01P] - Analysis of GSTP1 expression in transfected 293T cell line by GSTP1 polyclonal antibody. Lane 1: GSTP1 transfected lysate (23.30 kDa). Lane 2: Non-transfected lysate.



Proximity Ligation Assay: Glutathione S-Transferase pi 1/GSTP1 Antibody [H00002950-D01P] - 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).



## Publications

Okamura T, Antoun G, Keir ST et al. Phosphorylation of Glutathione S-Transferase P1 (GSTP1) by Epidermal Growth Factor Receptor (EGFR) Promotes Formation of the GSTP1-c-Jun N-terminal kinase (JNK) Complex and Suppresses JNK Downstream Signaling and Apoptosis in Brain Tumor Cells. *J Biol Chem* 2015-10-01 [PMID: 26429914]



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## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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