

# Product Datasheet

## Glutathione S-Transferase pi 1/GSTP1 Antibody - BSA Free NBP1-84747

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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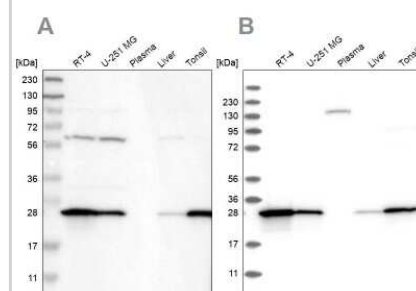
**NBP1-84747****Glutathione S-Transferase pi 1/GSTP1 Antibody - BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Glutathione S-Transferase pi 1/GSTP1 Antibody - BSA Free (NBP1-84747) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Glutathione S-Transferase pi 1/GSTP1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	2950
<b>Gene Symbol</b>	GSTP1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (82%).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: TLGLYGKDQQEAALVDMVNDGVEDLRCKYISLIYTNYEAGKDDYVKALPGQLK PFETLLS
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000-1:2500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

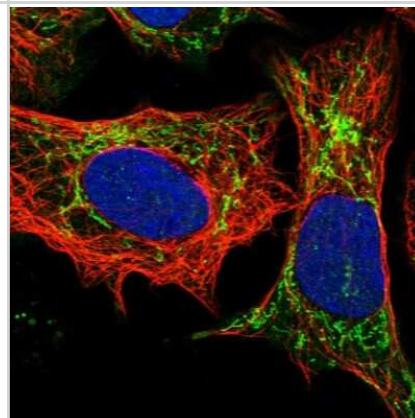


## Images

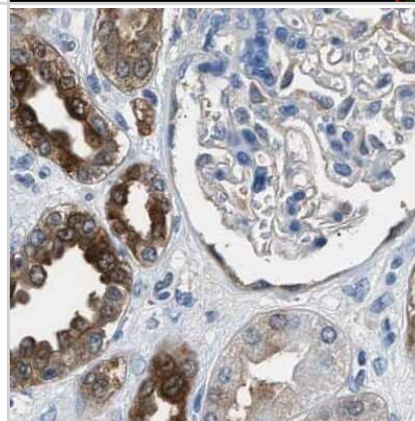
Western Blot: Glutathione S-Transferase pi 1/GSTP1 Antibody [NBP1-84747] - Analysis using Anti-GSTP1 antibody NBP1-84747 (A) shows similar pattern to independent antibody NBP1-84748 (B).



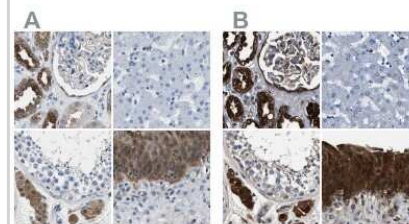
Immunocytochemistry/Immunofluorescence: Glutathione S-Transferase pi 1/GSTP1 Antibody [NBP1-84747] - Immunofluorescent staining of human cell line U-2 OS shows localization to cytosol & mitochondria.



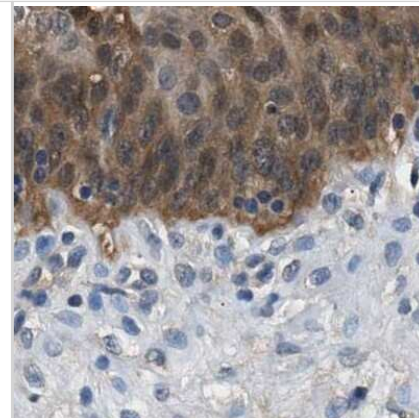
Immunohistochemistry-Paraffin: Glutathione S-Transferase pi 1/GSTP1 Antibody [NBP1-84747] - Staining of human kidney.



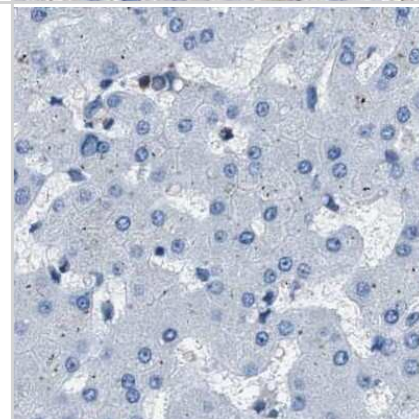
Immunohistochemistry-Paraffin: Glutathione S-Transferase pi 1/GSTP1 Antibody [NBP1-84747] - Staining of human kidney, liver, testis and urinary bladder using Anti-GSTP1 antibody NBP1-84747 (A) shows similar protein distribution across tissues to independent antibody NBP1-84748 (B).



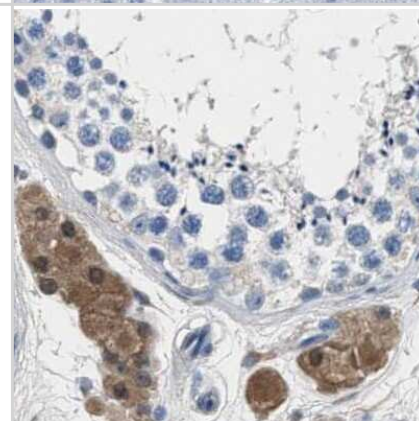
Immunohistochemistry-Paraffin: Glutathione S-Transferase pi 1/GSTP1 Antibody [NBP1-84747] - Staining of human urinary bladder.



Immunohistochemistry-Paraffin: Glutathione S-Transferase pi 1/GSTP1 Antibody [NBP1-84747] - Staining of human liver.



Immunohistochemistry-Paraffin: Glutathione S-Transferase pi 1/GSTP1 Antibody [NBP1-84747] - Staining of human testis.



## Publications

Ruckhaberle E, Karn T, Hanker L et al. Breast Cancer Proteomics - Differences in Protein Expression between Estrogen Receptor-Positive and -Negative Tumors Identified by Tandem Mass Tag Technology. Breast Care (Basel) 2010-03-01 [PMID: 22619634]



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### **Products Related to NBP1-84747**

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NBP1-84747PEP	Glutathione S-Transferase pi 1/GSTP1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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.

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