

## GSTp1 Polyclonal Antibody

**catalog number: E-AB-40417**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

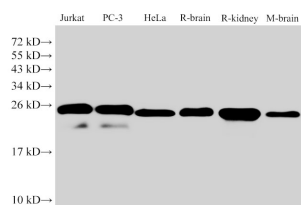
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Mouse Glutathione S-transferase P protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Buffer</b>	PBS with 0.05% proclin 300, 1% protective protein and 50% glycerol,pH7.4

### Applications

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:200

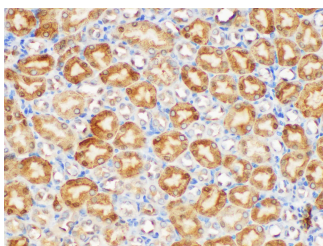
### Data



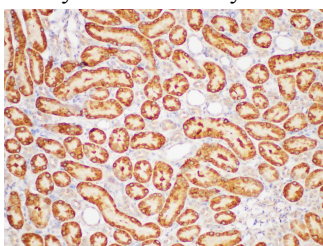
Western Blot analysis of Jurkat, PC-3, HeLa, Rat brain, Rat kidney and Mouse brain using GSTP1 Polyclonal Antibody at dilution of 1:1000

**Observed-MW:23 kDa**

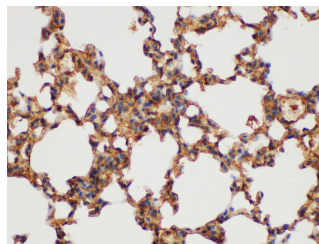
**Calculated-MW:23 kDa**



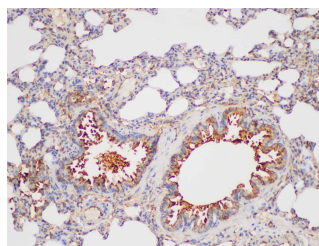
Immunohistochemistry of paraffin-embedded Mouse kidney using GSTP1 Polyclonal Antibody at dilution of 1:100



Immunohistochemistry of paraffin-embedded Rat kidney using GSTP1 Polyclonal Antibody at dilution of 1:100



Immunohistochemistry of paraffin-embedded Mouse lung using GSTP1 Polyclonal Antibody at dilution of 1:100



Immunohistochemistry of paraffin-embedded Rat lung using GSTP1 Polyclonal Antibody at dilution of 1:100

### Preparation & Storage

### For Research Use Only

Toll-free: 1-888-852-8623  
Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086  
Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

Rev. V1.9

**Storage**

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

**Shipping**

The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

**Background**

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.

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