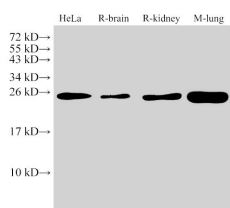


## GSTp1 Polyclonal Antibody

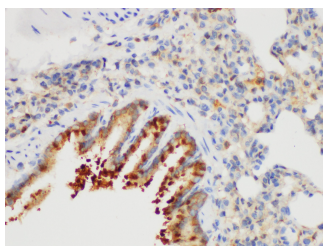
<b>Catalog No.</b>	E-AB-40418	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC	<b>Isotype</b>	IgG

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

### Images



Western Blot analysis of HeLa, Rat brain, Rat kidney and Mouse lung using GSTP1 Polyclonal Antibody at dilution of 1:1500



Immunohistochemistry of paraffin-embedded Rat lung using GSTP1 Polyclonal Antibody at dilution of 1:150

### Immunogen Information

<b>Immunogen</b>	Recombinant Rat Glutathione S-transferase P protein
<b>GeneID</b>	24426
<b>Swissprot</b>	P04906
<b>Synonyms</b>	Glutathione S Transferase 3, GST class-pi, GST3, GSTP, Gstp1, PI, X linked 7

### Product Information

<b>Calculated MW</b>	23 kDa
<b>Observed MW</b>	23 kDa
<b>Buffer</b>	PBS with 0.05% Proclin300, 50% glycerol, pH7.3.
<b>Purify</b>	Antigen Affinity Purification
<b>Dilution</b>	WB 1:500-1:2000 IHC 1:50-1:200

### 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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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.