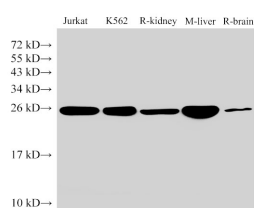


GSTp1 Polyclonal Antibody

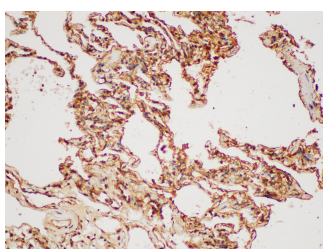
Catalog No.	E-AB-40416	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC	Isotype	IgG

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

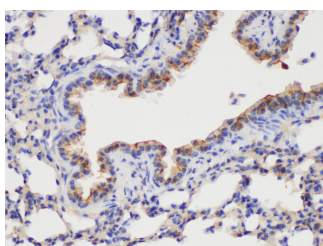
Images



Western Blot analysis of Jurkat, K562, Rat kidney, Mouse liver and Rat brain using GSTP1 Polyclonal Antibody at dilution of 1:1000



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



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

Immunogen Information

Immunogen	Recombinant Human Glutathione S-transferase P protein
GeneID	2950
Swissprot	P09211
Synonyms	Glutathione S Transferase 3, GST class-pi, GST3, GSTP, Gstp1, PI, X linked 7

Product Information

Calculated MW	23 kDa
Observed MW	23 kDa
Buffer	PBS with 0.05% Proclin300, 50% glycerol, pH7.3.
Purify	Antigen Affinity Purification
Dilution	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.