

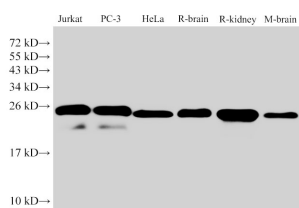
GSTp1 Polyclonal Antibody

catalog number: E-AB-40417

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

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Mouse Glutathione S-transferase P protein
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4
Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200

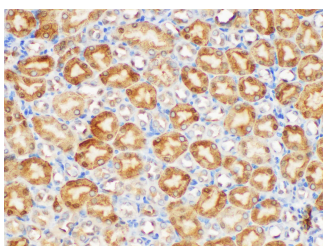
Data



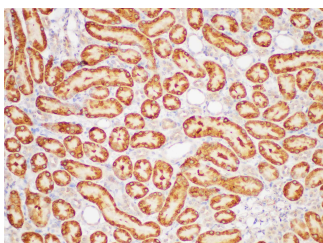
Western Blot analysis of Jurkat, PC-3, HeLa, Rat brain, Rat kidney and Mouse brain using GSTP1 Polyclonal Antibody at dilution of 1:1000

Observed-MW:23 kDa

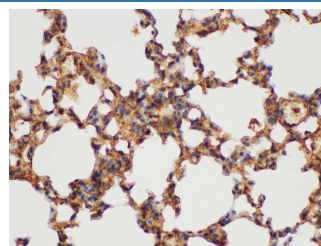
Calculated-MW:23 kDa



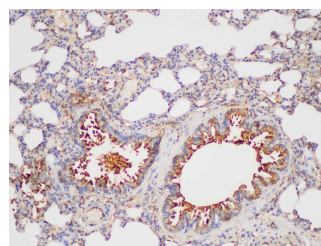
Immunohistochemistry of paraffin-embedded Mouse kidney using GSTP1 Polyclonal Antibody at dilution of 1:100



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

For Research Use Only

Preparation & Storage

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.