

GSTp1 Polyclonal Antibody

Catalog Number:D-AB-10131L

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

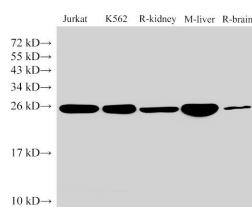
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant Human GSTP1 protein expressed by E.coli
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol pH 7.4

Applications Recommended Dilution

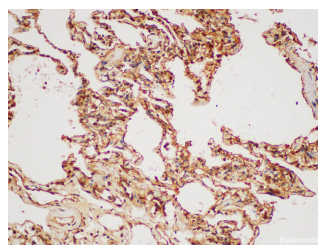
WB	1:500-1:2000
IHC	1:50-1:150

Data

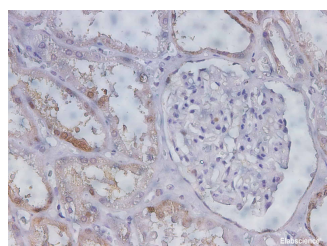


Western Blot analysis of Jurkat, K562, Rat kidney, Mouse liver and Rat brain using GSTP1 Polyclonal Antibody at dilution of 1:1000

Observed Mw:26 kDa
Calculated Mw:23 kDa



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



Immunohistochemistry of paraffin-embedded Human kidney using GSTP1 Polyclonal Antibody at dilution of 1:150

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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,

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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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