GSTp1 Polyclonal Antibody

catalog number: **D-AB-10131L**

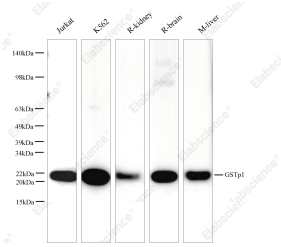
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human GSTP1 protein expressed by E.coli
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:150

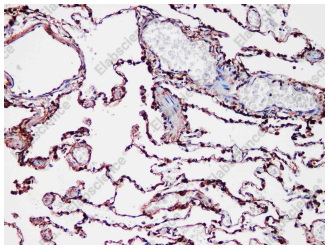
Data



Western blot with Anti GSTp1 Polyclonal antibody at dilution of 1:1000. Lane 1:Jurkat cell lysate,Lane 2:K562 cell lysate,Lane 3:Rat kidney tissue lysate,Lane 4:Rat brain tissue lysate,Lane 5:Mouse liver tissue lysate.

Observed-MW:23 kDa

Calculated-MW:23 kDa



Immunohistochemistry of paraffin-embedded Human lung using GSTp1 Polyclonal Antibody at dilution of 1:100.

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.

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