GST3/GSTP1 Rabbit mAb

Catalog No.: A19061 Recombinant 1 Publications



Basic Information

Observed MW

25kDa

Calculated MW

23kDa

Category

Primary antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0439

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.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID2950

Swiss Prot
P09211

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

PI; DFN7; GST3; GSTP; FAEES3; HEL-S-22; GST3/GSTP1

Contact

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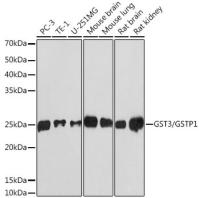
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of various lysates using GST3/GSTP1 Rabbit mAb (A19061) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

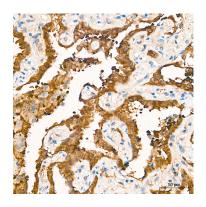
Lysates/proteins: 25µg per lane.

Exposure time: 3min.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).





Immunohistochemistry analysis of paraffinembedded Human lung adenocarcinoma tissue using GST3/GSTP1 Rabbit mAb (A19061) at a dilution of 1:1600 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.