

GST3/GSTP1 Rabbit pAb

Catalog No.: A0348

1 Publications

Basic Information

Observed MW

22kDa

Calculated MW

23kDa

Category

Primary antibody

Applications

WB, IF/ICC, FC

Cross-Reactivity

Human

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
IF/ICC	1:20 - 1:50
FC	1:20 - 1:50

Immunogen Information

Gene ID

2950

Swiss Prot

P09211

Immunogen

A synthetic peptide of human GST3/GST3/GSTP1

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

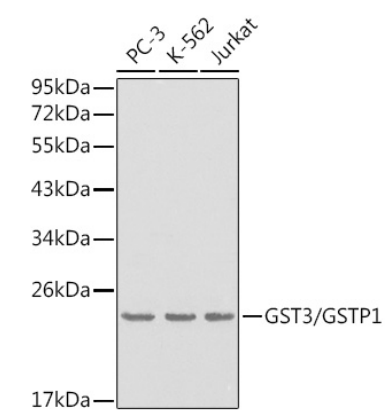
Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using GST3/GST3/GSTP1 antibody (A0348).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.