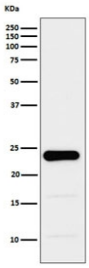
GSTP1 Antibody / GST pi [clone AFDG-7] (RQ5269)

Catalog No.	Formulation	Size
RQ5269	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AFDG-7
Purity	Affinity purified
UniProt	P09211
Applications	Western blot: 1:500-1:2000
Limitations	This GSTP1 antibody is available for research use only.



Western blot testing of human PC-3 cell lysate with GSTP1 antibody. Predicted molecular weight ~23 kDa.

Description

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. [RefSeq]

Application Notes

Optimal dilution of the GSTP1 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to GST pi / GSTP1 was used as the immunogen for the GSTP1 antibody.

Storage

Store the GSTP1 antibody at -20oC.

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