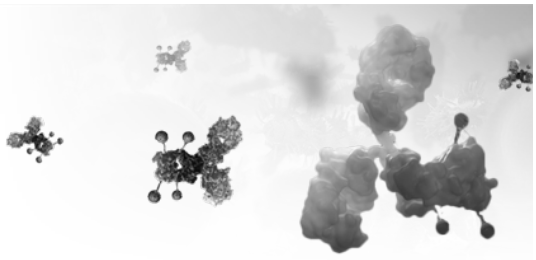

Human GSTP1 blocking peptide (CDBP1440)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-GST3/GSTP1 antibody
Antigen 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.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	GSTP1 glutathione S-transferase pi 1 [Homo sapiens]
Official Symbol	GSTP1
Synonyms	GSTP1; glutathione S-transferase pi 1; FAEES3, GST3; glutathione S-transferase P; GSTP;

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	GSTP1-1; GST class-pi; deafness, X-linked 7; fatty acid ethyl ester synthase III; PI; DFN7; GST3; FAEES3;
Entrez Gene ID	2950
mRNA Refseq	NM_000852
Protein Refseq	NP_000843
UniProt ID	P09211
Chromosome Location	11q13.2
Pathway	Arachidonate Epoxygenase / Epoxide Hydrolase, organism-specific biosystem; Biological oxidations, organism-specific biosystem; Diurnally regulated genes with circadian orthologs, organism-specific biosystem; Drug metabolism - cytochrome P450, organism-specific biosystem; Drug metabolism - cytochrome P450, conserved biosystem; Glutathione conjugation, organism-specific biosystem; Glutathione metabolism, organism-specific biosystem;
Function	JUN kinase binding; S-nitrosoglutathione binding; dinitrosyl-iron complex binding; drug binding; glutathione binding; glutathione transferase activity; glutathione transferase activity; kinase regulator activity; nitric oxide binding; protein binding; tra

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