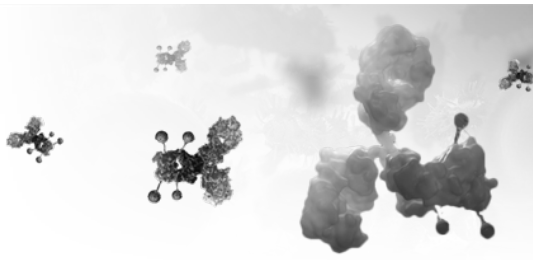

Anti-GSTT2 (aa 145-244) polyclonal antibody (DPAB-DC1495)

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

PRODUCT INFORMATION

Antigen Description	Glutathione S-transferase (GSTs) theta 2 (GSTT2) is a member of a superfamily of proteins that catalyze the conjugation of reduced glutathione to a variety of electrophilic and hydrophobic compounds. Human GSTs can be divided into five main classes: Alpha, Mu, Pi, Theta, and Zeta. The theta class members GSTT1 and GSTT2 share 55% amino acid sequence identity and both are thought to have an important role in human carcinogenesis. The theta genes have a similar structure, being composed of five exons with identical exon/intron boundaries.
Immunogen	GSTT2 (NP_000845, 145 a.a. ~ 244 a.a) partial recombinant protein with GST tag. The sequence is WLEDKFLGDRPFLAGQQVTLADLMALEELMQPVALGYELFEGRPRLAAWRGRVEAFLGAELCQEAHSIILSILEQAAKKTLPTPSPEAYQAMLLRIARIP
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	GSTT2 glutathione S-transferase theta 2 [Homo sapiens (human)]
Official Symbol	GSTT2
Synonyms	GSTT2; glutathione S-transferase theta 2; GSTT2B; glutathione S-transferase theta-2; GST class-theta-2; Glutathione S-transferase theta-2B;
Entrez Gene ID	2953
Protein Refseq	NP_000845
UniProt ID	G9J6Q5
Chromosome Location	22q11.23
Pathway	Biological oxidations; Chemical carcinogenesis; Drug metabolism - cytochrome P450; Glutathione metabolism
Function	glutathione transferase activity;

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