



Anti-GSTA3 (internal region) polyclonal antibody (DPAB-DC2060)

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

PRODUCT INFORMATION

Antigen Description	GSTA3 (glutathione S-transferase alpha 3) is a protein-coding gene. Diseases associated with GSTA3 include buphthalmos, and toxic encephalopathy, and among its related super-pathways are Glutathione metabolism and Phase II conjugation. GO annotations related to this gene include glutathione transferase activity. An important paralog of this gene is GSTA2.
Specificity	Reported variants represent identical protein: NP_001009920.1, NP_001153211.1. Please note that this antibody is expected to cross-react to the homologous Mouse protein Gsta3.
Immunogen	A synthetic peptide corresponding to internal region of rat Yc2. The sequence is C-EMDPGIVDNFPLLK
Source/Host	Goat
Species Reactivity	Mouse, Rat
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Tissue lysate), ELISA,
Format	Liquid
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Gsta3 glutathione S-transferase alpha 3 [Rattus norvegicus (Norway rat)]
Official Symbol	GSTA3
Synonyms	GSTA3; glutathione S-transferase alpha 3; Yc2; Gsta5; glutathione S-transferase alpha-5; GST Yc2; GST A5-5; glutathione S-transferase Yc2 subunit;
Entrez Gene ID	494500
Protein Refseq	NP_001009920
UniProt ID	P46418
Chromosome Location	9q13
Pathway	Biological oxidations; Chemical carcinogenesis; Drug metabolism - cytochrome P450; Glutathione metabolism
Function	glutathione transferase activity;