Best Tools for immunology Research

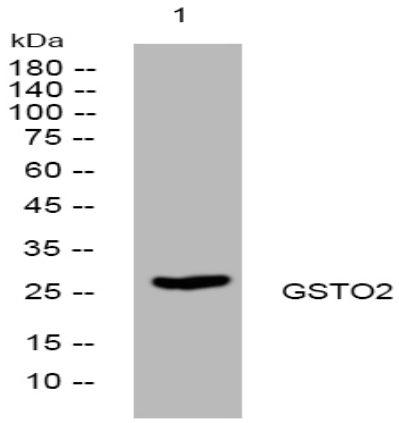
GSTO2 rabbit pAb

Catalog No :	YT7139
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	GSTO2
Fields :	>>Glutathione metabolism;>>Metabolism of xenobiotics by cytochrome P450;>>Drug metabolism - cytochrome P450;>>Drug metabolism - other enzymes;>>Metabolic pathways;>>Platinum drug resistance;>>Pathways in cancer;>>Chemical carcinogenesis - DNA adducts;>>Chemical carcinogenesis - receptor activation;>>Chemical carcinogenesis - reactive oxygen species;>>Hepatocellular carcinoma;>>Fluid shear stress and atherosclerosis
Gene Name :	GSTO2
Protein Name :	GSTO2
Human Gene Id :	119391
Human Swiss Prot No :	Q9H4Y5
Mouse Gene Id :	68214
Mouse Swiss Prot No :	Q8K2Q2
Rat Gene Id :	100909560
Rat Swiss Prot No :	Q6AXV9
Immunogen :	Synthesized peptide derived from human GSTO2 AA range: 70-120
Specificity :	This antibody detects endogenous levels of GSTO2 at Human/Mouse/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG

Best Tools for immunology Research

Dilution :	WB 1□500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	27kD
Background :	The protein encoded by this gene is an omega class glutathione S-transferase (GST). GSTs are involved in the metabolism of xenobiotics and carcinogens. Four transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2010],
Function :	catalytic activity:RX + glutathione = HX + R-S-glutathione.,similarity:Belongs to the GST superfamily. Omega family.,similarity:Contains 1 GST C-terminal domain.,similarity:Contains 1 GST N-terminal domain.,tissue specificity:Expressed in a range of tissues, including the liver, kidney, skeletal muscle and prostate. Strongest expression in the testis.,
Subcellular Location :	cytoplasm,cytosol,extracellular exosome,
Expression :	Expressed in a range of tissues, including the liver, kidney, skeletal muscle and prostate. Strongest expression in the testis.

Products Images



Western blot analysis of lysates from HuvEc cells, primary antibody was diluted at 1:1000, 4°over night