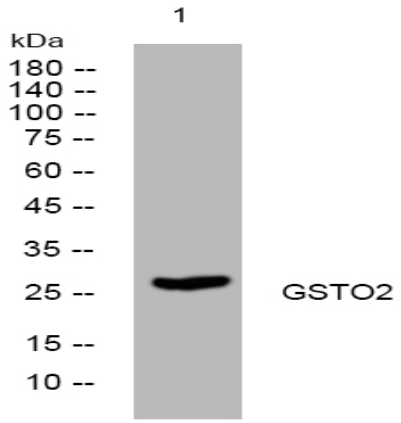
Best Tools for immunology Research

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

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.
Sort :	7181
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

Products Images



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