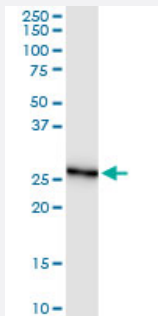


GSTO2 (Human) IP-WB Antibody Pair

Catalog # H00119391-PW1

Size 1 Set

Applications



Immunoprecipitation of GSTO2 transfected lysate using rabbit polyclonal anti-GSTO2 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-GSTO2.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (85)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of GSTO2 transfected lysate using rabbit polyclonal anti-GSTO2 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-GSTO2.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-GSTO2 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-GSTO2 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — GSTO2

Entrez GeneID [119391](#)

Gene Name GSTO2

Gene Alias bA127L20.1

Gene Description glutathione S-transferase omega 2

Gene Ontology [Hyperlink](#)

Gene Summary The omega class glutathione transferases (GST; EC 2.5.1.18) have poor activity with common G ST substrates, but exhibit novel glutathione-dependent thioltransferase, dehydroascorbate reductase, and monomethylarsonate reductase activities, and they modulate Ca(2+) release by ryanodine receptors (e.g., RYR1, MIM 180901) (Whitbread et al., 2003 [PubMed 12618591]). For background information on GSTs, see MIM 605482.[supplied by OMIM]

Other Designations OTTHUMP00000020440|bA127L20.1 (novel glutathione-S-transferase)|glutathione-S-transferase-like protein

Pathway

- [Drug metabolism - cytochrome P450](#)
- [Glutathione metabolism](#)
- [Metabolism of xenobiotics by cytochrome P450](#)

Disease

- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Arsenic Poisoning](#)
- [Asthma](#)

- [Atherosclerosis](#)
- [Bile Duct Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cholangiocarcinoma](#)
- [Cognition](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Huntington disease](#)
- [Kidney Neoplasms](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Parkinson disease](#)
- [Pulmonary Disease](#)
- [Skin Diseases](#)
- [Skin Neoplasms](#)
- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Ureteral Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Urologic Neoplasms](#)