

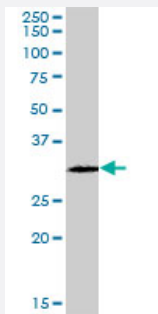
MaxPab®

GSTO2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00119391-B01P

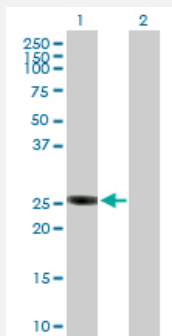
Size 50 ug

Applications



Western Blot (Cell lysate)

GSTO2 MaxPab polyclonal antibody. Western Blot analysis of GSTO2 expression in COLO 320 HSR.

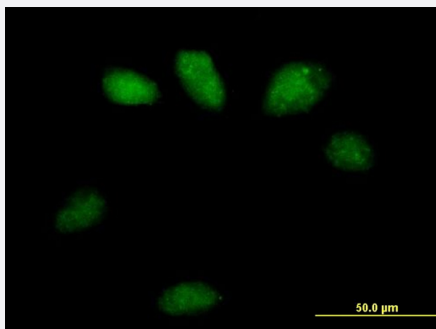


Western Blot (Transfected lysate)

Western Blot analysis of GSTO2 expression in transfected 293T cell line ([H00119391-T01](#)) by GSTO2 MaxPab polyclonal antibody.

Lane 1: GSTO2 transfected lysate(26.73 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to GSTO2 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human GSTO2 protein.

Immunogen	GSTO2 (NP_899062.1, 1 a.a. ~ 243 a.a) full-length human protein.
Sequence	MSGDATRTLKGGSQPPGPVPEGLIRIYSMRFCPYSHRTRLVLKAKDIRHEVVNINLRNKPEWYYTK HPFGHIPVLETSQCQLIYESVIACEYLDDAYPGRKLPYDPYERARQKMLLELFCKVPHLTKECLVA LRCGRECTNLKAALRQEFNLEEILEYQNTTFFGGTCISMDYLLWPWFERLDVYGILDCVSHTPAL RLWISAMKWDPTVCALLMDKSIFQGFLNLYFQNNPNAFDGLC
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (85)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

GSTO2 MaxPab polyclonal antibody. Western Blot analysis of GSTO2 expression in COLO 320 HSR.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of GSTO2 expression in transfected 293T cell line ([H00119391-T01](#)) by GSTO2 MaxPab polyclonal antibody.

Lane 1: GSTO2 transfected lysate(26.73 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of [purified](#) MaxPab antibody to GSTO2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — GSTO2

Entrez GeneID	119391
GeneBank Accession#	NM_183239.1

Protein Accession#	NP_899062.1
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 GST 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](#)