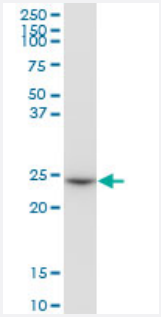
MaxPab®

GSTO1 MaxPab mouse polyclonal antibody (B01)

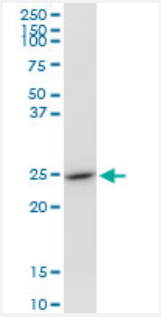
Catalog # H00009446-B01 Size 50 uL

Applications



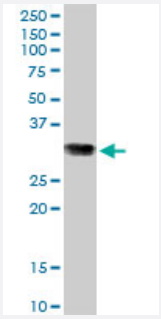
Western Blot (Cell lysate)

GSTO1 MaxPab polyclonal antibody. Western Blot analysis of GSTO1 expression in PC-12.



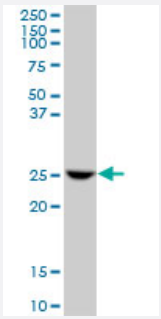
Western Blot (Cell lysate)

GSTO1 MaxPab polyclonal antibody. Western Blot analysis of GSTO1 expression in NIH/3T3.



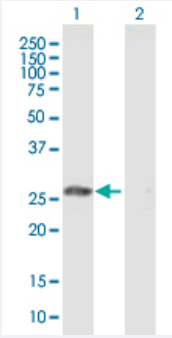
Western Blot (Cell lysate)

GSTO1 MaxPab polyclonal antibody. Western Blot analysis of GSTO1 expression in HeLa.



Western Blot (Cell lysate)

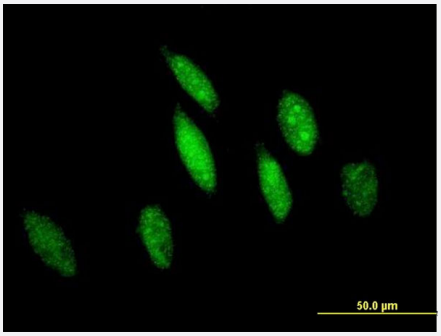
GSTO1 MaxPab polyclonal antibody. Western Blot analysis of GSTO1 expression in Jurkat.



Western Blot (Transfected lysate)

Western Blot analysis of GSTO1 expression in transfected 293T cell line (H00009446-T01) by GSTO1 MaxPab polyclonal antibody.

Lane 1: GSTO1 transfected lysate(26.51 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to GSTO1 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human GSTO1 protein.
Immunogen	GSTO1 (NP_004823.1, 1 a.a. ~ 241 a.a) full-length human protein.
Sequence	MSGESARSLGKGSAPPGPVPEGSIRIYSMRFCPFAERTRLVLKAKGIRHEVININLKNKPEWFFKK NPFGLVPVLENSQGQLIYESAITCEYLDEAYPGKKLLPDDPYEKACQKMILELFSKVPSLVGSFIRS QNKEDYAGLKEEFRKEFTKLEEVLTNKKTTFFGGNSISMIDYLIWPWFERLEAMKLNECVDHTPKL KLWMAAMKEDPTVSALLTSEKDWQGFLELYLQNSPEACDYGL
Host	Mouse
Reactivity	Human, Mouse, Rat
Interspecies Antigen Sequence	Mouse (72); Rat (77)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Cell lysate)

  GSTO1 MaxPab polyclonal antibody. Western Blot analysis of GSTO1 expression in PC-12.

  Protocol Download

- Western Blot (Cell lysate)

  GSTO1 MaxPab polyclonal antibody. Western Blot analysis of GSTO1 expression in NIH/3T3.

  Protocol Download

- Western Blot (Cell lysate)

  GSTO1 MaxPab polyclonal antibody. Western Blot analysis of GSTO1 expression in HeLa.

  Protocol Download

- Western Blot (Cell lysate)

  GSTO1 MaxPab polyclonal antibody. Western Blot analysis of GSTO1 expression in Jurkat.

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- Western Blot (Transfected lysate)

  Western Blot analysis of GSTO1 expression in transfected 293T cell line (H00009446-T01) by GSTO1 MaxPab polyclonal antibody.

  Lane 1: GSTO1 transfected lysate(26.51 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

- Immunofluorescence

  Immunofluorescence of purified MaxPab antibody to GSTO1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — GSTO1

Entrez GeneID	9446
GeneBank Accession#	NM_004832.1
Protein Accession#	NP_004823.1

Gene Name	GSTO1
Gene Alias	DKFZp686H13163, GSTTLp28, P28
Gene Description	glutathione S-transferase omega 1
Omim ID	605482
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the theta class glutathione S-transferase-like (GSTTL) protein family. In mouse, the encoded protein acts as a small stress response protein, likely involved in cellular redox homeostasis. [provided by RefSeq
Other Designations	OTTHUMP00000020429|glutathione S-transferase omega 1-1|glutathione transferase omega 1|glutathione-S-transferase like|glutathione-S-transferase omega 1

Pathway

- Drug metabolism - cytochrome P450
- Glutathione metabolism
- Metabolism of xenobiotics by cytochrome P450

Disease

- Adenoma
- Alzheimer disease
- Amphetamine-Related Disorders
- Amyotrophic lateral sclerosis
- Arsenic Poisoning
- Asthma
- Atherosclerosis
- Bile Duct Neoplasms
- Brain Ischemia
- Breast cancer

- Breast Neoplasms
- Carcinoma
- Cardiovascular Diseases
- Carotid Artery Diseases
- Cerebrovascular Accident
- Cholangiocarcinoma
- Cognition
- Dementia
- Diabetes Mellitus
- Disease Progression
- DNA Damage
- Edema
- Genetic Predisposition to Disease
- Huntington disease
- Hyperlipoproteinemia Type II
- Intracranial Aneurysm
- Intracranial Arteriosclerosis
- Kidney Failure
- Kidney Neoplasms
- Liver Neoplasms
- Lung Neoplasms
- Parkinson disease
- Precancerous Conditions
- Prostate cancer
- Prostatic Neoplasms
- Pulmonary Disease

- Recurrence
- Schizophrenia
- Skin Diseases
- Thyroid Neoplasms
- Thyroid Nodule
- Ureteral Neoplasms
- Urinary Bladder Neoplasms
- Urologic Neoplasms