

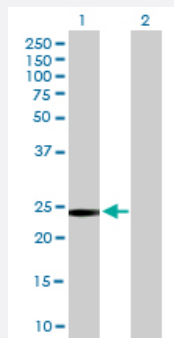
MaxPab®

GSTT2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002953-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of GSTT2 expression in transfected 293T cell line ([H00002953-T02](#)) by GSTT2 MaxPab polyclonal antibody.

Lane 1: GSTT2 transfected lysate(26.84 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human GSTT2 protein.
Immunogen	GSTT2 (NP_000845.1, 1 a.a. ~ 244 a.a) full-length human protein.
Sequence	MGLELFLDLVSQPSRAVYIFAKKNGIPLELRTVDLVKGQHKSKKEFLQINSLGKLPTLKDGFILTES SAILMYLSCKYQTPDHWYPSDLQARARVHEYLGWHADCIKRTFGIPLWVQVLGPLIGVQVPEEKVE RNRTAMDQALQWLEDKFLGDRPFLAGQQVTLADLMALEELMQPVALGYELFEGRPRLAAWRGR VEAFLGAELCQEAHSILSILEQAAKKTLPSPPEAYQAMLLRIARIP
Host	Mouse
Reactivity	Human
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.

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[Protocol Download](#)

Gene Info — GSTT2

Entrez GeneID [2953](#)

GeneBank Accession# [NM_000854.2](#)

Protein Accession# [NP_000845.1](#)

Gene Name GSTT2

Gene Alias MGC182032

Gene Description glutathione S-transferase theta 2

Omim ID [600437](#)

Gene Ontology [Hyperlink](#)

Gene Summary Glutathione S-transferase (GSTs) theta 2 (GSTT2) is a member of a superfamily of proteins that catalyze the conjugation of reduced glutathione to a variety of electrophilic and hydrophobic compounds. Human GSTs can be divided into five main classes: Alpha, Mu, Pi, Theta, and Zeta. The theta class members GSTT1 and GSTT2 share 55% amino acid sequence identity and both are thought to have an important role in human carcinogenesis. The theta genes have a similar structure, being composed of five exons with identical exon/intron boundaries. [provided by RefSeq]

Other Designations -

Pathway

- [Drug metabolism - cytochrome P450](#)
- [Glutathione metabolism](#)

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

Disease

- [Amphetamine-Related Disorders](#)
- [Carcinoma](#)
- [Cognition](#)
- [Colorectal Neoplasms](#)
- [DNA Damage](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Genomic Instability](#)
- [Head and Neck Neoplasms](#)
- [Helicobacter Infections](#)
- [Infection](#)
- [Inflammation](#)
- [Laryngeal Neoplasms](#)
- [Lung Neoplasms](#)
- [Mesothelioma](#)
- [Mouth Neoplasms](#)
- [Neoplasms](#)
- [Pharyngeal Neoplasms](#)
- [Pleural Neoplasms](#)
- [Premature Birth](#)
- [Prenatal Exposure Delayed Effects](#)
- [Recurrence](#)
- [Schizophrenia](#)