

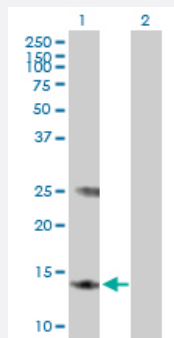
MaxPab®

MGST3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004259-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MGST3 expression in transfected 293T cell line ([H00004259-T01](#)) by MGST3 MaxPab polyclonal antibody.

Lane 1: MGST3 transfected lysate(16.72 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human MGST3 protein.
Immunogen	MGST3 (NP_004519.1, 1 a.a. ~ 152 a.a) full-length human protein.
Sequence	MAVLSKEYGFVLLTGAASFIMVAHLAINVSKARKKYKVEYPIMYSTDPENGHIFNCIQRAHQNTLEVY PPFLFFLAVGGVYHPRIASGLGLAWIVGRVLYAYGYTGEPKRSRGALGSIALLGLVGTTVCSAFQ HLGWVKSGLGSGPKCCH
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 — MGST3

Entrez GeneID [4259](#)

GeneBank Accession# [NM_004528.2](#)

Protein Accession# [NP_004519.1](#)

Gene Name MGST3

Gene Alias GST-III

Gene Description microsomal glutathione S-transferase 3

Omim ID [604564](#)

Gene Ontology [Hyperlink](#)

Gene Summary The MAPEG (Membrane Associated Proteins in Eicosanoid and Glutathione metabolism) family consists of six human proteins, several of which are involved the production of leukotrienes and prostaglandin E, important mediators of inflammation. This gene encodes an enzyme which catalyzes the conjugation of leukotriene A4 and reduced glutathione to produce leukotriene C4. This enzyme also demonstrates glutathione-dependent peroxidase activity towards lipid hydroperoxides. [provided by RefSeq]

Other Designations OTTHUMP00000032567|OTTHUMP00000032600|microsomal GST-3|microsomal GST-III|microsomal glutathione S-transferase III

Pathway

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

Disease

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Osteoporosis](#)
- [Tobacco Use Disorder](#)