

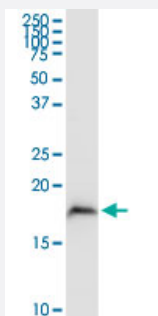
MaxPab®

MGST3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004259-D01P

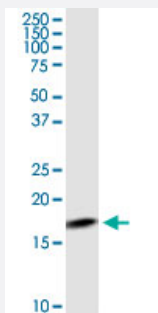
Size 100 ug

Applications



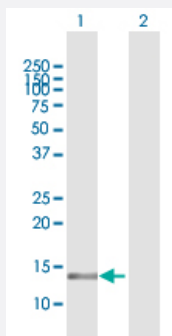
Western Blot (Tissue lysate)

MGST3 MaxPab rabbit polyclonal antibody. Western Blot analysis of MGST3 expression in human liver.



Western Blot (Cell lysate)

MGST3 MaxPab rabbit polyclonal antibody. Western Blot analysis of MGST3 expression in K-562.



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(16.50 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit 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 PPFLFFLAVGGVYHPRIASGLGLAWIVGRVLYAYGYTGEPSKRSRGALGSIALLGLVGTTVCSAFQ HLGWVKSGLGSGPKCCH
Host	Rabbit
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.

Applications

- Western Blot (Tissue lysate)

MGST3 MaxPab rabbit polyclonal antibody. Western Blot analysis of MGST3 expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

MGST3 MaxPab rabbit polyclonal antibody. Western Blot analysis of MGST3 expression in K-562.

[Protocol Download](#)

- Western Blot (Transfected lysate)

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

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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](#)