

DNAxPAb

Hard-to-Find
Antibody

MGST3 DNAxPab

Catalog # H00004259-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MGST3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAVLSKEYGFVLLTGAASFIMVAHLAINVSKARKKYKVEYPIMYSTDPENGHIFNCIQRAHQNTLEVY PPFLFFLAVGGVYHPRIASGLGLAWVGRVLYAYGYTGEPSKRSRGALGSIALLGLVGTTVCSAFQ HLGWVKSGLGSGPKCCH
Host	Rabbit
Reactivity	Human
Purification	Protein A
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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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](#)