

## MGST3 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP05399
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human MGST3. AA range:8-57
<b>Mol wt</b>	16516
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	MGST3 Antibody
<b>Synonyms</b>	MGST3; Microsomal glutathione S-transferase 3; Microsomal GST-3; Microsomal GST-III

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

MGST3 encodes a member of the MAPEG (Membrane Associated Proteins in Eicosanoid and Glutathione metabolism) protein family. Members of this family are involved in the production of leukotrienes and prostaglandin E, important mediators of inflammation. MGST3 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.

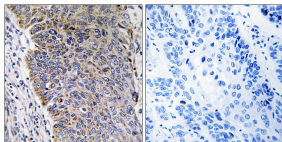
### Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 10000

Not yet tested in other applications.

### Images



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using MGST3 Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year