

DATASHEET

MGST1 Rabbit Polyclonal Antibody

CAT. NO. APA16146

KEY FEATURES

| | | | |
|---------------|---|---------------|--------------------|
| Target | MGST1 | Source / Host | Rabbit |
| Reactivity | Human, Mouse, Rat | Clonality | Polyclonal |
| Applications | WB, IF/ICC | Conjugation | Unconjugated |
| Form / Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. | | Storage at-20°C |

BACKGROUND

Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

| | |
|--------|----------------|
| WB | 1:500 - 1:2000 |
| IF/ICC | 1:50 - 1:200 |

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

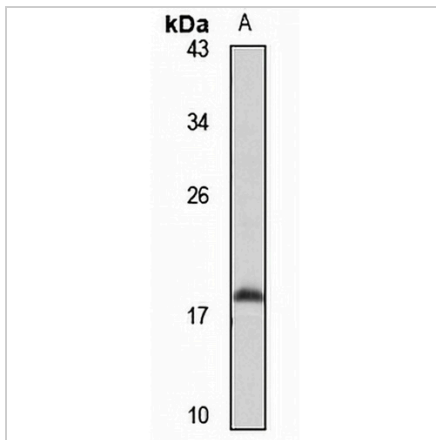
| | |
|-------------------|---|
| Description | Rabbit polyclonal antibody to MGST1 |
| Specificity | Recognizes endogenous levels of MGST1 protein |
| Antibody Type | Primary antibody |
| Immunogen | KLH-conjugated synthetic peptide of human MGST1. The exact sequence is proprietary. |
| Purification | The antibody was purified by immunogen affinity chromatography. |
| Molecular Weight | Predicted: 9; Observed: 18 kD |
| Form/Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Alternative Names | GST12; MGST; Microsomal glutathione S-transferase 1; Microsomal GST-1; Microsomal GST-I |
| Gene Symbol | MGST1 |
| Entrez Gene | 4257(Human); 56615(Mouse); 171341(Rat) |
| SwissProt | P10620(Human); Q91VS7(Mouse); P08011(Rat) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of MGST1 expression in mouse lung (A) whole cell lysates.
(Predicted band size: 9; 17 kD; Observed band size: 18 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.