

**DATASHEET**

**GSTM4 Rabbit Polyclonal Antibody**

CAT. NO. APA13103

**KEY FEATURES**

Target	GSTM4	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	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 . Catalyzes the conjugation of leukotriene A4 with reduced glutathione (GSH) to form leukotriene C4 . Can also catalyze the transfer of a glutathionyl group from glutathione (GSH) to 13(S),14(S)-epoxy-docosahexaenoic acid to form maresin conjugate in tissue regeneration 1 (MCTR1), a bioactive lipid mediator that possess potent anti-inflammatory and proresolving actions .

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

**PRODUCT OVERVIEW**

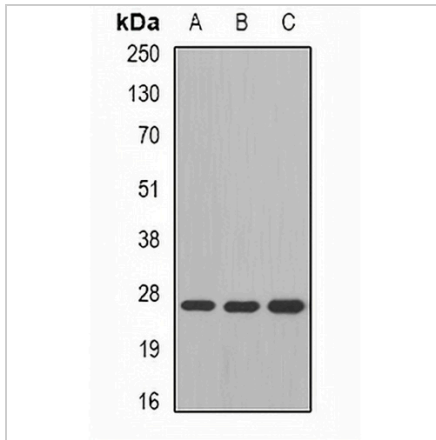
Description	Rabbit polyclonal antibody to GSTM4
Specificity	Recognizes endogenous levels of GSTM4 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human GSTM4
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 18; Observed: 26-34 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	Glutathione S-transferase Mu 4; GST class-mu 4; GST-Mu2; GSTM4-4
Gene Symbol	GSTM4
Entrez Gene	2948(Human); 14864(Mouse); 81869(Rat)
SwissProt	Q03013(Human); P19639(Mouse); P08009(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto: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 GSTM4 expression in SW480 (A), mouse liver (B), mouse lung (C) whole cell lysates. (Predicted band size: 18; 22; 25 kD; Observed band size: 26-34 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.