

# Goat Anti-GSTM3 (aa47-60) Antibody

Purified Goat Polyclonal Antibody

Catalog # AF4313a

## Product Information

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Application	WB, E
Primary Accession	<a href="#">P21266</a>
Other Accession	<a href="#">NP_000840.2</a> , <a href="#">2947</a> , <a href="#">14866 (mouse)</a> , <a href="#">64352 (rat)</a>
Reactivity	Mouse
Predicted	Human, Rat
Host	Goat
Clonality	Polyclonal
Calculated MW	26560

## Additional Information

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Gene ID	2947
Other Names	GSTM3; glutathione S-transferase mu 3 (brain); GST5; GSTB; GSTM3-3; GTM3; GST class-mu 3; S-(hydroxyalkyl)glutathione lyase M3; brain GST; brain type mu-glutathione S-transferase; glutathione S-alkyltransferase M3; glutathione S-alkyltransferase M3; glu
Dilution	WB~~1:1000 E~~N/A
Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Immunogen	Peptide with sequence C-RSQWLDVKFKLDLD, from the internal region of the protein sequence according to NP_000840.2.
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Goat Anti-GSTM3 (aa47-60) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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Name	GSTM3
Synonyms	GST5
Function	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. May govern uptake and detoxification

of both endogenous compounds and xenobiotics at the testis and brain blood barriers.

**Cellular Location** Cytoplasm.

**Tissue Location** Testis and brain.

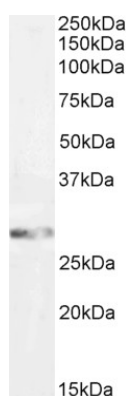
## References

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Singh R, Manchanda PK, Kesarwani P, Srivastava A, Mittal RD.

## Images

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AF4313a (2 µg/ml) staining of Mouse Brain lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.