10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Goat Anti-GSTM3 (aa47-60) Antibody

Purified Goat Polyclonal Antibody
Catalog # AF4313a

Product Information

Application	WB, E
Primary Accession	P21266
Other Accession	NP_000840.2, 2947, 14866 (mouse), 64352 (rat)
Reactivity	Mouse
Predicted	Human, Rat
Host	Goat
Clonality	Polyclonal
Calculated MW	26560

Additional Information

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-aralkyltransferase 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

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

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

Images



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'.