

## Goat anti-GSTM3 (aa47-60) Antibody

**Item Number** dAP-3463

**Target Molecule** Principle Name: GSTM3 (aa47-60); Official Symbol: GSTM3; All Names and Symbols: 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; Accession Number (s): NP\_000840.2; Human Gene ID(s): 2947; Non-Human GeneID(s): 14866 (mouse) 64352 (rat)

**Immunogen** RSQWLDVFKFLDLD, is from internal region

**Applications** Pep ELISA, WB

Species Tested: Mouse

**Purification** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**Supplied As** lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.

**Peptide ELISA** Peptide ELISA: antibody detection limit dilution 1 to 1000.

**Western Blot** Western Blot: Approx 28kDa band observed in Mouse Brain lysates (calculated MW of 25.7kDa according to Mouse NP\_034489.1). Recommended concentration: 1-3µg/ml.

**IHC**

**Reference** Reference(s): Singh R, Manchanda PK, Kesarwani P, Srivastava A, Mittal RD. Influence of genetic polymorphisms in GSTM1, GSTM3, GSTT1 and GSTP1 on allograft outcome in renal transplant recipients. Clinical transplantation 23 (4): 490-8..PMID: 19486347->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**