ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-GSTM3 Antibody

Item Number	dAP-1361
Target Molecule	Principle Name: GSTM3; Official Symbol: GSTM3 ; All Names and Symbols: GSTM3; glutathione S-transferase M3 (brain); GST5N: GSTB; GSTM3-3; GTM3; MGC3310; MGC3704; GST class-mu 3; S-(hydroxyalkyl)glutathione lyase M3; brain GSTN: brain type mu-glutathione S-transferase; glutathione S-alkyltransferase M3; glutathione S-aralkylt; Accession Number (s): NP_000840.2; Human Gene ID(s): 2947; Non-Human GeneID(s):
Immunogen	RTQLIRLCYSSDHE, is from internal region
Applications	Pep ELISA Species Tested:
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; Reconsititute 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 4000.
Western Blot	Western Blot: Preliminary experiments in Human Brain (Cerebellum, Hippocampus and Cerebral Cortex) lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - ha
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Reference	Reference(s): Hong GS, Heun R, Jessen F, Popp J, Hentschel F, Kelemen P, Schulz A, Maier W, Kölsch H. Gene variations in GSTM3 are a risk factor for Alzheimer's disease. Neurobiol Aging. 2007 Sep 26; [Epub ahead of print].PMID: 17904251 ->

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

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