

Goat anti-GSTA4 Antibody

Item Number	dAP-3415
Target Molecule	Principle Name: GSTA4; Official Symbol: GSTA4; All Names and Symbols: GSTA4; glutathione S-transferase alpha 4; GSTA4-4; GTA4; GST class-alpha member 4; S-(hydroxyalkyl)glutathione lyase A4; glutathione S-alkyltransferase A4; glutathione S-aralkyltransferase A4; glutathione S-aryltransferase A4; glutathione S-transferase A4; Accession Number (s): NP_001503.1; Human Gene ID(s): 2941; Non-Human GenelD(s):
Immunogen	QEYTVKLSNIPTIK, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
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 64000.
Western Blot	Western Blot: Approx 25kDa band observed in Human Liver lysates (calculated MW of 25.7kDa according to NP_001503.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Apidianakis Y, Que YA, Xu W, Tegos GP, Zimniak P, Hamblin MR, Tompkins RG, Xiao W, Rahme LG. Down-regulation of glutathione S-transferase α 4 (hGSTA4) in the muscle of thermally injured patients is indicative of susceptibility to bacterial infection. FASEB journal : official publication of the Federation of American Societies for Experimental Biology 2008; 22(10):2532-2540.

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 end users! This product is sold for **Research Use Only**