



Goat anti-GST3 / GSTP1 Antibody

Item Number	dAP-0671
Target Molecule	Principle Name: GST3 / GSTP1; Official Symbol: GSTP1; All Names and Symbols: GSTP1; GST3; glutathione S-transferase pi ; HGNC:4638; DFN7; FAEES3; PI; deafness, X-linked 7; fatty acid ethyl ester synthase III; glutathione transferase; glutathione S-transferase pi 1; Accession Number (s): NP_000843.1; Human Gene ID(s): 2950; Non-Human GeneID(s):
Immunogen	LADQGQSWKEEV, is from internal region
Applications	Pep ELISA, WB, IHC 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 32000.
Western Blot	Western Blot: Approx 24kDa band observed in Human Kidney, Liver and Lung lysates (calculated MW of 23.4kDa according to NP_000843.1). In transfected HEK293 transiently expressing GSTP1 band of approx. 26 kDa is observed. This band is not observed in the
IHC	Immunohistochemistry: Paraffin embedded Human Prostate. Recommended concentration: 5µg/ml.
Reference	Reference(s): Malerba G, Pignatti PF. A review of asthma genetics: gene expression studies and recent candidates. J Appl Genet. 2005;46(1):93-104. Review. PMID: 15741670 ->

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**