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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06802 - Goat Anti-GST3 / GSTP1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: glutathione S-transferase pi 1, glutathione transferase, fatty acid ethyl ester synthase III, deafness, X-linked 7, PI, FAEES3, DFN7, HGNC:4638, glutathione S-transferase pi, GST3, GSTP1

Official Symbol: GSTP1

Accession Number(s): NP_000843.1

Human GeneID(s): [2950](#)

Immunogen

Peptide with sequence C-LADQGQSWKEEV, from the internal region of the protein sequence according to NP_000843.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

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

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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

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 non-transfected HEK293. Recommended concentration: 0.01-0.03µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

Background Reference

Malerba G, Pignatti PF.

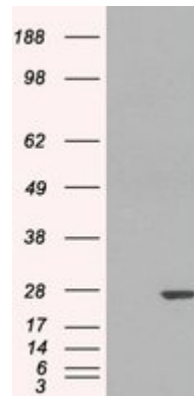
A review of asthma genetics: gene expression studies and recent candidates.

J Appl Genet. 2005;46(1):93-104. Review.

PMID: 15741670



EB06802 (0.01µg/ml) staining of human kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



HEK293 overexpressing GSTP1 (RC203086) and probed with EB06802 (mock transfection in first lane), tested by Origene.