

### **International Office**

#### Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service: <u>customerservice@vectorlabs.com</u> Technical Service: <u>technical@vectorlabs.com</u>

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB12978 - Goat Anti-GSTA4 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: 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 Official Symbol: GSTA4 Accession Number(s): NP\_001503.1 Human GeneID(s): <u>2941</u>

#### Immunogen

Peptide with sequence C-QEYTVKLSNIPTIK, from the internal region of the protein sequence according to NP\_001503.1.

Please note the peptide is available for sale.

## **Purification and Storage**

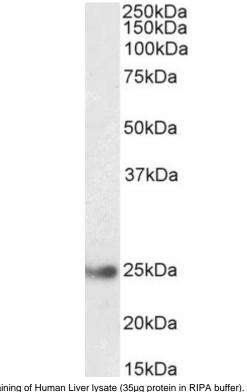
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

## **Applications Tested**

**Peptide ELISA:** antibody detection limit dilution 1:64000. **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.

## **Species Reactivity**

Tested: Human Expected from sequence similarity: Human



EB12978 (0.3µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.