

## Goat Anti-Rat Glutathione S-Transferase (GST) $\mu$ -Form

(50  $\mu$ L in PBS)

**Catalog Number: GST ANTI 2**

Store at -20°C.

FOR RESEARCH USE ONLY



**Preparation:** Goats were immunized with the purified native rat GST  $\mu$ -form and IgG fraction was prepared from the antisera using the caprylic acid precipitation method.

**Specificity:** The antibody is known to be class-specific and recognizes  $\mu$ -form GSTs from rat, mouse, hamster, rabbit, and human.

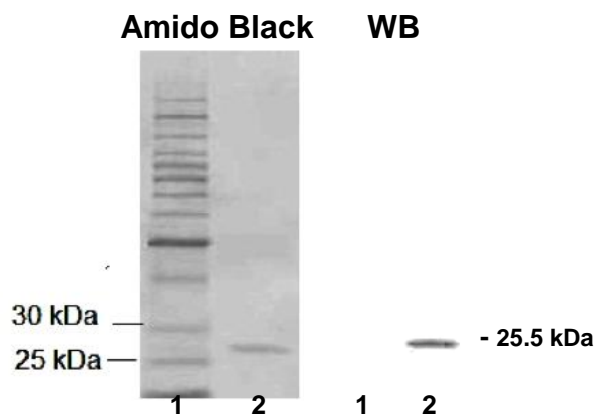
**Contents:** 50  $\mu$ L per vial with 0.7% BSA and 0.05% azide.

**Storage:** Freeze-thaw cycles damage antibodies. We recommend saving small aliquots of the antibody and keeping in a refrigerator if you will use within in two weeks. Store antibodies at -20°C or -80°C for long-term storage.

**Western Blots:** 5  $\mu$ L per 10 mL of 5% milk powder in TTBS (1:2000 dilution) is recommended for ECL method with overnight incubation at room temperature.

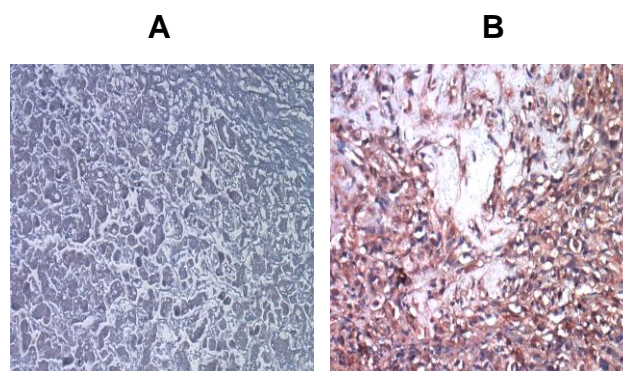
**IHC:** A 1:500 dilution is recommended.

### Western Blot Analysis



Lane 1: Molecular weight. Marker  
Lane 2: Purified GST  $\mu$

### IHC with Rat Liver



A: Negative control (no antibody)  
B: Liver section stained with **anti-GST  $\mu$**  followed by anti-goat IgG-HRP with DAB HRP substrate.

### **Selected references:**

Wang et.al., Eur. J. Pharmacol. 568: 61-67 (2007)

Sengupta et.al., Biochem. J. 413: 151-161 (2008)