

Goat Anti-Rat Glutathione S-Transferase (GST) π -Form

(50 μ L in PBS)

Catalog Number: GST ANTI 3

Store at -20°C.

FOR RESEARCH USE ONLY



Preparation: Goats were immunized with the purified native rat GST π -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 α -form GSTs from rat, mouse, hamster, rabbit, and human.

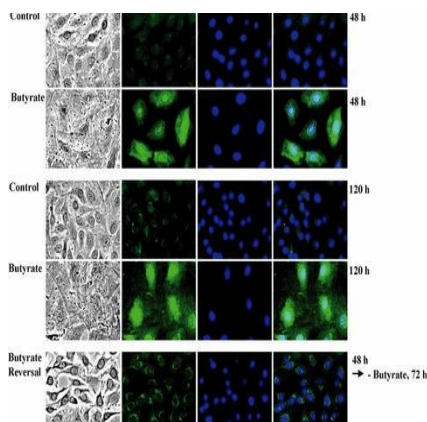
Contents: 50 μ L per vial with 0.7% BSA and 0.05% azide.

Storage: Freeze-thaw cycles damage antibodies. After determining how much antibody will be needed for each Western, we recommend putting the antibodies in small volumes and keeping in a refrigerator if you will use within two weeks. If not, the antibodies must be kept at -20°C or -80°C.

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

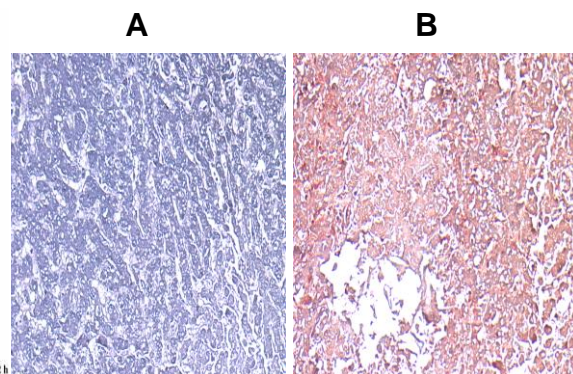
IHC: A 1:1000 dilution is recommended.

IHC with Rat Smooth Muscle



Ranganna et al. (2007)

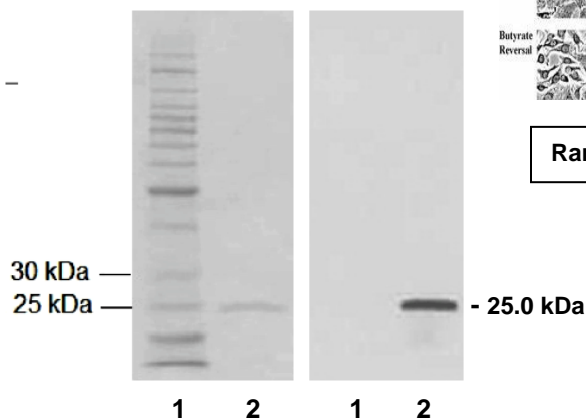
IHC with Rat Liver



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

Western Blot Analysis

Amido Black WB



Lane 1: Marker
Lane 2: Purified GST π

Selected references:

Ranganna et al., FEBS Journal 274: 5962-5978 (2007)
Abel et al., Toxicol Appl. Pharmacol. 255: 176-183 (2011)