

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

(50 μ L in PBS)

Catalog Number: GST ANTI 1

Store at -20°C.

FOR RESEARCH USE ONLY



Preparation: Goats were immunized with the purified native rat GST α -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. Recognizes GST A1-1 (Ya1), A2-2 (Ya2, Yc2), A3-3 (Ya3, Yc), A4-4 (Yk).

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

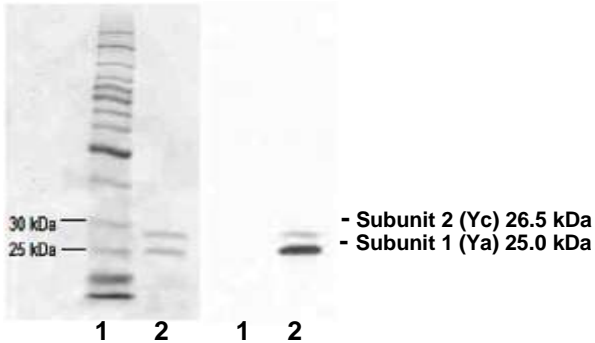
Storage: Freeze-thaw cycles damage antibodies. After determining how much antibody will be needed for each Western, we recommend putting the antibodies in small volumes and keeping in a refrigerator if you will use within two weeks. If not, the antibodies must be kept in -20°C or -80°C

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

Western Blot Analysis

Amido Black WB



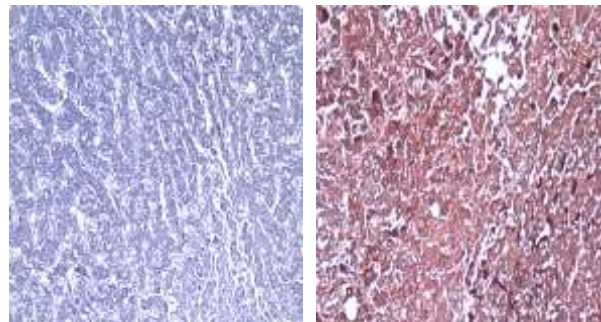
Lane 1: Marker

Lane 2: Purified GST α

IHC with Rat Liver

A

B



A: Negative control (no antibody)

B: Liver section stained with **anti-GST α** followed by anti-goat IgG-HRP with DAB HRP substrate.

Selected References:

Lee et.al., Mol. Pharmacol. 72: 1082-1093 (2007)

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