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## Rabbit Anti-GST Biotinylated Recombinant Antibody

No. :KF-ab0008

- Expression Host:** Nicotiana benthamiana plants
- Clonality:** Monoclonal, recombinant
- Species and Isotype:** Rabbit IgG1
- Description:** This product is a full-length biotinylated Rabbit IgG1 recombinant antibody specific to Glutathione-S-Transferase (GST). It was produced in Nicotiana benthamiana plants via Agrobacterium tumefaciens-mediated infiltration.
- Verified Applications:** Western blot, ELISA
- Dilution Range:** Western blot (1: 1 000 - 1: 10 000)  
ELISA (1: 1 000 - 1: 1 000 000)
- Tested Species Reactivity :** Human
- Concentration :** 1 mg/ml
- Form :** Liquid
- Storage:** Short-term (up to one week): 2 - 8 ° C  
Long term: Aliquot and store at - 20 ° C  
Store immediately. Aliquot and avoid multiple freeze-thaw cycles.
- Storage Buffer:** 0.1 M Phosphate Buffered Saline, pH 7.7. Preservative: None
- Purification Notes:** This product was purified using Protein A- affinity chromatography.
- Purity:**  $\geq$  95% as determined by SDS-PAGE

**General Notes:** For Research Use only, unless otherwise indicated.

**Image:**

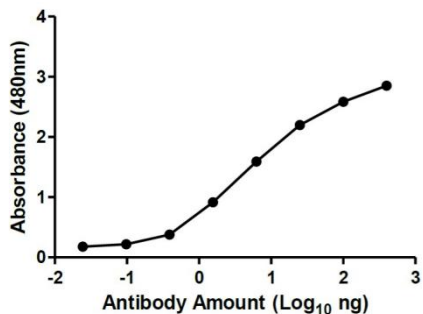


Figure 1. ELISA Dose Response curve: Rabbit Anti-GST (Biotin) Antibody from 0.0002– 4.0 ng/uL to detect 25 ng GST antigen. Experiments were performed in triplicate, with error bars representing standard deviation (SD).

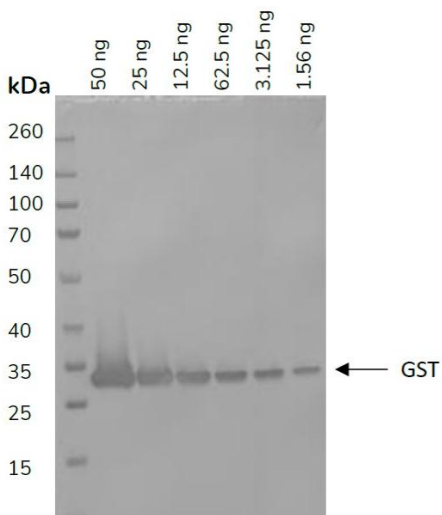


Figure 2. Western blot: decreasing amounts of GST protein (28 kDa) detected with Rabbit Anti-GST (Biotin) Antibody at 1: 10 000 and HRP conjugated Streptavidin secondary antibody at 1: 5 000.