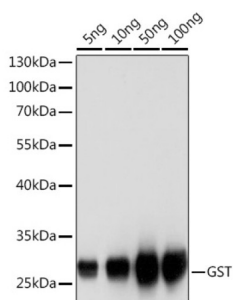
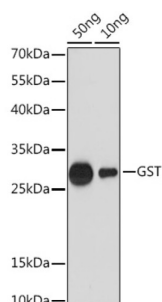


GST-Tag Antibody

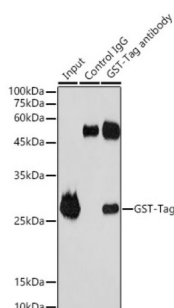
Catalogue No.: abx005579



Western blot analysis of over-expressed GST protein using Rabbit anti GST-Tag antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 1s.



Western blot analysis of over-expressed GST protein using Rabbit anti GST-Tag antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 1s.



Immunoprecipitation analysis of 50 µg extracts of GST Protein using 3 µg GST-Tag antibody. Western blot was performed from the immunoprecipitate using GST-Tag antibody.

GST-Tag Antibody is a Rabbit Polyclonal antibody against GST-Tag. Plasmid vectors for the expression of coding regions of eukaryotic genes in E.coli are in common usage; such expression vectors often encode hybrid fusion proteins containing part prokaryotic and part eukaryotic specified proteins. For instance, the pGEX.3X expression vector developed by Smith and Johnson allows for synthesis of fusion proteins between glutathione-S-transferase(GST) and proteins encoded by inserted cDNA sequences. Antibodies derived from these GST fusion proteins are useful for checking protein expression both in plaques and on Western blots as well as for immunoaffinity purification of proteins expressed in E. Coli.

Target: GST-Tag

Clonality: Polyclonal

Reactivity: General

Tested Applications: WB, IP

Host: Rabbit

Datasheet

Version: 2.0.0

Revision date: 31 May 2025



Recommended dilutions: WB: 1/1000 - 1/2000, IP: 3 µg antibody per 50 µg extracts of recombinant protein. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant protein containing a sequence corresponding to amino acids 1-218 of GST protein.

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 26 kDa

Observed MW: 27 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only