

GST tag antibody

Cat. No. GTX26633

Host	Goat
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IP, ELISA, IHC
Reactivity	Species independent

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
IP	Assay dependent
ELISA	1:20000-1:50000
IHC	1:1:1000-1:10000

Not tested in other applications.

Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.16 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Glutathione-S-Transferase collected from Schistosoma japonicum
Purification	Purified by antigen-affinity chromatography. From serum
Conjugation	Unconjugated

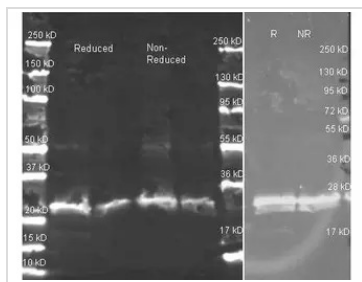
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

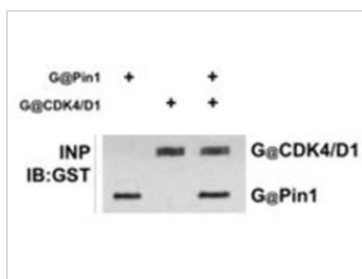
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



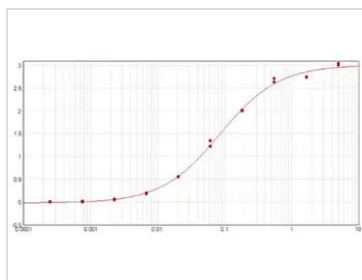
For full product information, images and publications, please visit our [website](#).

DATA IMAGES

GTX26633 WB Image

GeneTex anti-GST polyclonal antibody (GTX26633) in western blot shows detection of recombinant GST (indicated by band at ~ 28 kDa). The SDS-PAGE contained approximately 0.2 µg of rGST loaded on to a 4-20% gradient gel for separation. After electrophoresis, the gel was transferred to nitrocellulose and blocked with "Blocking Buffer for Fluorescent Western Blotting" in TBS for 1h at RT. The membrane was probed with anti-GST antibody at a 1:2,000 dilution in blocking reagent, overnight at 4° C. For detection DyLight™800 conjugated Donkey-a-Goat IgG was used at a 1:20,000 dilution (in blocking reagent) for 30 min at 25° C.

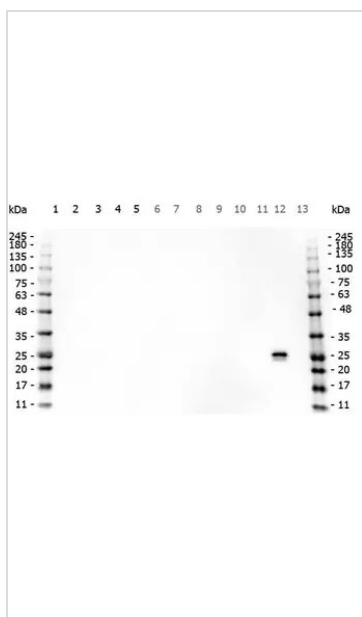

GTX26633 IP Image

Immunoprecipitation of anti-GST antibody. Lane 1: T98G cells incubated with GST-Pin1. Lane 2: T98G cells incubated with GST-CDK4/cyclinD1. Lane 3: T98G cells incubated with GST-Pin1 and GST-CDK4/cyclinD1. Immunoprecipitated with pRb antibody. Load: 25 µg per lane. Primary antibody: anti-GST 1:400 for overnight at 4°C. Secondary antibody: IRDye800™ secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C.


GTX26633 ELISA Image

ELISA analysis of recombinant GST protein using serially diluted GTX26633 GST tag antibody.

Coating : 1 µg


GTX26633 WB Image

WB analysis of various samples using GTX26633 GST tag antibody.

- Lane 1 : 293T whole cell lysate
- Lane 2 : HeLa whole cell lysate
- Lane 3 : CHO-K1 whole cell lysate
- Lane 4 : MDA-MB-231 whole cell lysate
- Lane 5 : A431 whole cell lysate
- Lane 6 : Jurkat whole cell lysate
- Lane 7 : NIH-3T3 whole cell lysate
- Lane 8 : E. coli HCP
- Lane 9 : Flag-tag protein
- Lane 10 : RFP
- Lane 11 : GFP
- Lane 12 : GST protein
- Lane 13 : MBP

Dilution : 1 µg/mL



For full product information, images and publications, please visit our [website](http://www.genetex.com).