

Datasheet for ABIN3020561

anti-GST antibody

5 Images

5 Publications

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	GST
Reactivity:	Schistosoma japonicum
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GST antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein of human GST-Tag
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	GST
Alternative Name:	Glutathione-S-Transferase (GST) (GST Products)
Background:	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

Target Details

from these GST fusion proteins are useful for checking protein expression bothin plaques and on Western blots as well as for immunoaffinity purification of proteins expressed in E. Coli.

Application Details

Application Notes:	WB: 1:1000-1:2000, IF: 1: 500, IP: 1:100
Restrictions:	For Research Use only

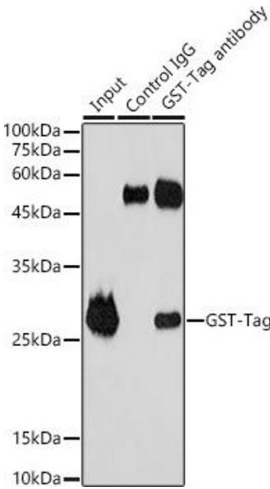
Handling

Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C / -80 °C

Publications

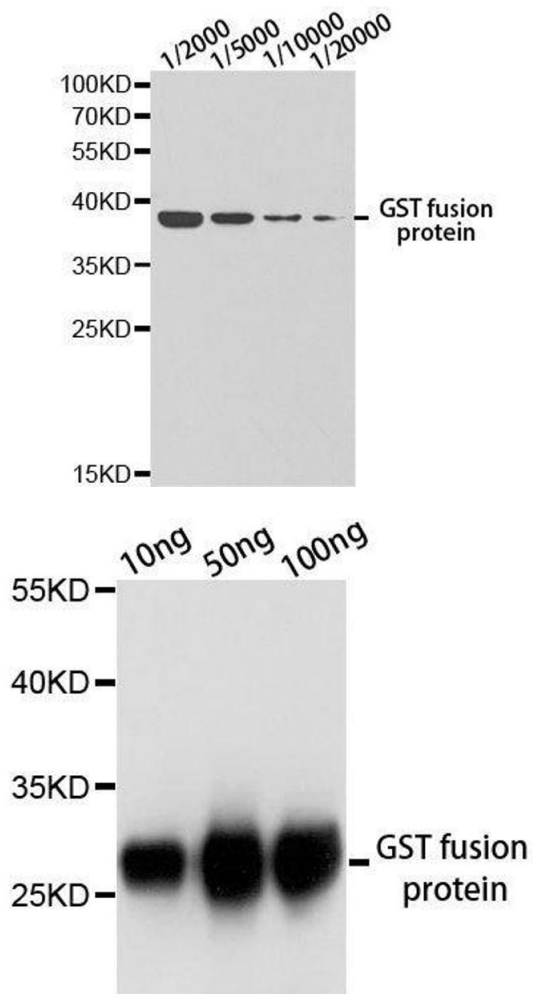
Product cited in:	Zou, Liao, Fu, Zhao, Chen, Zhang: "MicroRNA-30c-5p ameliorates hypoxia-reoxygenation-induced tubular epithelial cell injury via HIF1α stabilization by targeting SOCS3." in: Oncotarget , Vol. 8, Issue 54, pp. 92801-92814, (2017) (PubMed).
-------------------	--

Images



Immunoprecipitation

Image 1. Immunoprecipitation analysis of 50 µg extracts of GST Protein using 3 µg GST-Tag antibody (ABIN3020561 and ABIN3020562). Western blot was performed from the immunoprecipitate using GST-Tag antibody (ABIN3020561 and ABIN3020562) at a dilution of 1:25.



Western Blotting

Image 2. Western blot analysis of GST-tagged protein using GST-tag.

Western Blotting

Image 3. Western blot analysis of over-expressed GST fusion protein using GST-tag antibody.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3020561.