

For Research Use Only

# GST Tag Polyclonal ANTIBODY



Catalog Number: 10000-0-AP

43 Publications

## Basic Information

Catalog Number:  
10000-0-AP

Size:  
77 µg/150 µl

Source:  
Rabbit

Isotype:  
IgG

Purification Method:  
Antigen affinity purification  
Immunogen Catalog Number:

GenBank Accession Number:  
FN315687

GeneID (NCBI):  
Full Name:

Calculated MW:  
26 kDa

Observed MW:

Recommended Dilutions:  
WB 1:1000-1:4000

## Applications

Tested Applications:  
FC, WB, ELISA

Cited Applications:  
IP, WB

Species Specificity:  
recombinant protein

**Note: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : Recombinant protein;

## Background Information

GST(Glutathione S-Transferase) is a widely used protein tag encoded by the Schistosoma japonicum. GST provides both an easily detectable tag and a simple purification process with little effect on the biological function of the protein of interest. This GST-fusion protein can then be purified from cells via its high affinity for glutathione. Antibodies to GST are useful for checking protein expression both in plaques and on western blots as well as for immunoprecipitation of proteins expressed in cells. This antibody can be used to detect the GST tagged protein. This antibody can be used as Rabbit IgG control in FC.

## Notable Publications

Author	Pubmed ID	Journal	Application
Tianyu Han	30231667	Autophagy	
Xuewu Zhang	27697522	Biochem Biophys Res Commun	
Shi Yu	30286953	Biochem Biophys Res Commun	WB

## Storage

Storage:  
Store at -20°C. Stable for one year after shipment.  
Storage Buffer:  
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

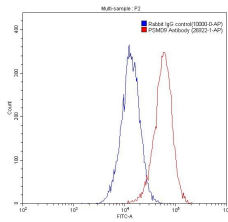
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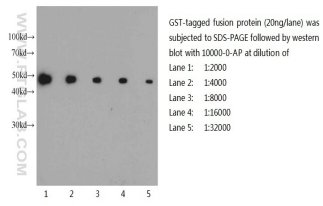
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## Selected Validation Data



1X10<sup>6</sup> HeLa cells were stained with 0.20 ug PSMD9 antibody (26922-1-AP, red) and 0.20 ug Rabbit IgG control (10000-0-AP, blue). Fixed with 90% MeOH



Western blot of GST-tagged fusion protein with anti-GST-tag (10000-0-AP) at various dilutions.