

For Research Use Only

GST Tag Polyclonal antibody

Catalog Number: 10000-O-AP

189 Publications



Basic Information

Catalog Number: 10000-O-AP	GenBank Accession Number: FN315687	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): Full Name:	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Calculated MW: 26 kDa	
Isotype: IgG		

Applications

Tested Applications: FC, WB, ELISA	Positive Controls: WB : Recombinant protein,
Cited Applications: ChIP, CoIP, ELISA, IF, IP, WB	
Species Specificity: recombinant protein	
Cited Species: human, mouse	

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 immunoaffinity purification 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
Xingfeng Liu	36131205	Nat Metab	WB
Tianyu Han	30231667	Autophagy	
Xiangying Luo	34536269	Aging (Albany NY)	WB

Storage

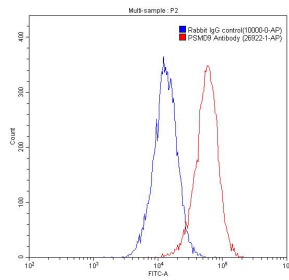
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

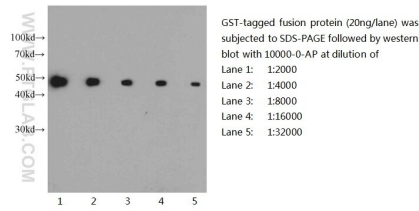
For technical support and original validation data for this product please contact:
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Selected Validation Data



1X10⁶ 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.