GST Tag
Polyclonal ANTIBODY
Catalog Number: 10000-0-AP  46 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: FN215697
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

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 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

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<tr>
<td>Tianyu Han</td>
<td>30231667</td>
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<td>Xuewu Zhang</td>
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<td>Liu Cao</td>
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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.

For technical support and original validation data for this product please contact:
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
Selected Validation Data

100,000 HeLa cells were stained with 0.20 ug PSMD9 antibody (28922-1-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.