

GST-Tag

Tested applications:WB IF IP

Recommended Dilution:WB 1:1000 - 1:2000 IF 1:20 - 1:50 IP 1:20 - 1:50

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human GST-Tag

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Catalog #:AE006

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Isotype:IgG

Purity:Affinity purification

For research use only.

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

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