

Anti-GST Tag Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
E022210-01	100µl
E022210-02	500µl
E022210-03	50µl

Specificity	Anti- GST Tag
Source	Rabbit Polyclonal
Application	WB
Form	Liquid, 1 mg/ml

Background Information

GST (Glutathione S-Transferase) is a 26kDa protein encoded by the parasitic helminth *Schistosoma japonicum*. GST plays an important role in detoxification by catalyzing the conjugation of many hydrophobic and electrophilic compounds with reduced glutathione. GST tag is now widely used in the pGEX family of GST plasmid expression vectors as a fusion protein with foreign proteins. 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*.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: Western blot (1:1000-1:5000).

Source and Purification

This polyclonal antibody is produced by immunizing rabbits with purified full-length GST expressed in *E. coli*. Antibodies are purified by protein A affinity chromatography.

Specificity and Sensitivity

Anti-GST Tag Polyclonal Antibody recognizes C-terminal and N-terminal GST-tagged proteins.

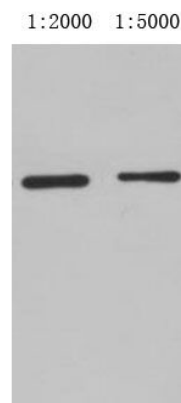
Storage Buffer

PBS, pH 7.4 with 0.05% sodium azide, 50% Glycerol.

Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Multi Tag Recombinant protein (expressed in *E. coli*)
Anti-GST PAB lane 1: 1:5000 lane 2 1:10000.