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GST Polyclonal Antibody

CATALOG NUMBER:	SG4220-41
QUANTITY:	200 μ l
SOURCE:	Rabbit
DESCRIPTION:	Polyclonal antibodies are produced by immunizing rabbits with GST protein.
APPLICATION	Western Blot, Immunoprecipitation
FORMAT:	Serum with 0.02% sodium azide.
RECOMMENDED ANTIBODY DILUTION:	Western Blot: 1:1000.

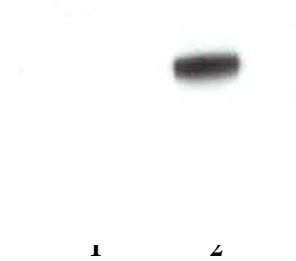


Figure 1: Western Blot analysis of cell lysate (lane 1) and cell lysate expressing GST fusion protein (lane 2).

STORAGE/HANDLING:	Antibody is recommended being stored at -20°C. Avoid repeated freeze-thaw cycles.
USAGE:	FOR RESEARCH USE ONLY. NOT FOR HUMAN USE.

Background:

Glutathione S-transferase (GST) was originally cloned from parasite *Schistosoma japonicum* and it is now a widely used protein fusion partner. Vectors containing GST Tag have been developed for both prokaryotic and eukaryotic systems. The GST fusion proteins are easily purified from cell lysates by affinity chromatography using Glutathione Sepharose 4B and eluting out the GST fusion protein from the column with denaturing form of glutathione. Using an anti-GST antibody provides a simple solution to detect the expression of GST fusion protein.