

AP33449PU-N**Polyclonal Antibody to GST-Tag - Aff - Purified****Alternate names:**

GST26-Tag, Glutathione S-transferase Tag

Quantity:

50 µg

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 to elute out the GST fusion protein from the column with a denaturing form of glutathione. Using anti-GST antibody provides a simple solution to detect the expression of GST fusion proteins in cells.

Host / Isotype:

Rabbit / IgG

Immunogen:

Recombinant GST-tag protein.
The anti-GST-tag antibody was generated by immunization of rabbits with a highly purified GST-tagged protein produced in *E. coli*.

Format:

State: Lyophilized purified IgG fraction
Purification: Antigen Affinity Chromatography
Buffer System: PBS, pH 7.4, without preservatives
Reconstitution: Restore in sterile water to a concentration of 0.1-1.0 mg/ml.

Applications:

Western blot: 1-5 µg/ml.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

GST-tag.

Storage:

Store lyophilized at 2-8°C for 6 months or at -20°C long term.
After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

Pictures:

Western Blot Analysis with anti-GST polyclonal antibody using two GST-tagged proteins as targets.

