

## Product datasheet for **AP11290PU-N**

### GST-Tag Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1,000. Western blot: 1/100-1/500 Immunohistochemistry: 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a recombinant full length of GST.
Specificity:	This antibody is specific to GST Tag.
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	<a href="#">P08515</a>



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**Background:**

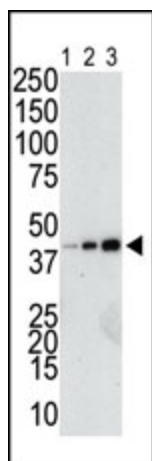
Glutathione S-transferase (GST) was originally cloned from parasite *Schistosoma japonicum* and it is now a widely used protein fusion partner. Vectors containing GST Tag have been developed for both prokaryotic and eukaryotic systems. The GST fusion proteins are easily purified from cell lysates by 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.

**Synonyms:**

Glutathione S-transferase Tag, GST26-Tag

**Note:**

Predicted MW: 25000 Da.

**Product images:**

Western Blot analysis using anti-GST Pab (Cat. #AP11290PU-N) to detect a GST-fusion recombinant protein (42 kDa) purified from bacterial lysate (Lanes 1-3: 10, 40, and 160 ng GST-fusion protein).