



[Go to Product page](#)

Datasheet for ABIN387751  
**anti-GST-Tag antibody**

1 Image

6 Publications

### Overview

Quantity:	400 µL
Target:	GST-Tag
Reactivity:	Please inquire
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GST-Tag antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Purified recombinant GST fusion protein was used to produced this monoclonal antibody.
Clone:	9AT106
Isotype:	IgG1
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

### Target Details

Target:	GST-Tag
Alternative Name:	GST Tag ( <a href="#">GST-Tag Products</a> )
Target Type:	Tag
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

## Target Details

---

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 the Abgent anti-GST antibody provides a simple solution to detect the expression of GST fusion proteins in cells.

Molecular Weight: 26000

## Application Details

---

Application Notes: WB: 1:2,000

Restrictions: For Research Use only

## Handling

---

Format: Liquid

Buffer: Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C.

Expiry Date: 6 months

## Publications

---

Product cited in: Messina, Atterrato, Fanti, Giordano, Dimitri: "Expression of human Cfdp1 gene in Drosophila reveals new insights into the function of the evolutionarily conserved BCNT protein family." in: **Scientific reports**, Vol. 6, pp. 25511, (2018) ([PubMed](#)).

Zhong, Li, Cai, Wang, Dong, Yang, Zhang, Wu, Li, Mao, Zeng, Wu, Xu, Sun: "TET1 modulates H4K16 acetylation by controlling auto-acetylation of hMOF to affect gene regulation and DNA repair function." in: **Nucleic acids research**, Vol. 45, Issue 2, pp. 672-684, (2017) ([PubMed](#)).

Fu, Olsen, Webb, Bennett, Lykke-Andersen: "Recruitment of the 4EHP-GYF2 cap-binding complex to tetraproline motifs of tristetraprolin promotes repression and degradation of

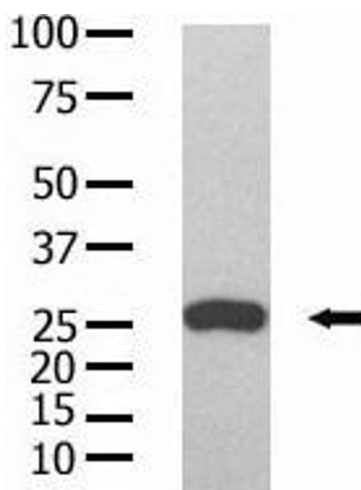
mRNAs with AU-rich elements." in: **RNA (New York, N.Y.)**, Vol. 22, Issue 3, pp. 373-82, (2016) ([PubMed](#)).

Itagaki, Naito, Iwakiri, Haga, Miura, Saito, Owaki, Kamiya, Iyoda, Yajima, Iwashita, Ejiri, Fukai: "Eukaryotic translation elongation factor 1A induces anoikis by triggering cell detachment." in: **The Journal of biological chemistry**, Vol. 287, Issue 19, pp. 16037-46, (2012) ([PubMed](#)).

Wang, Fan, Williamson, Qin: "Intraflagellar transport (IFT) protein IFT25 is a phosphoprotein component of IFT complex B and physically interacts with IFT27 in Chlamydomonas." in: **PLoS ONE**, Vol. 4, Issue 5, pp. e5384, (2009) ([PubMed](#)).

There are more publications referencing this product on: [Product page](#)

Images



Western Blotting

**Image 1.** The anti-GST Mab (ABIN387751 and ABIN2843190) is used in Western blot to detect GST recombinant protein purified from bacterial lysate.