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Datasheet for ABIN388090
anti-GST-Tag antibody

1 Image

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Overview

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

Product Details

Immunogen:	This GST Tag antibody is generated from rabbits immunized with a recombinant full length of GST.
Clone:	RB2165
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	GST-Tag
Abstract:	GST-Tag Products
Target Type:	Tag

Target Details

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

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal 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 in small aliquots to prevent freeze-thaw cycles.

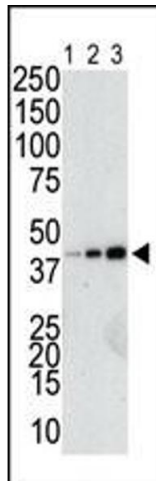
Expiry Date: 6 months

Publications

Product cited in: Xu, Wang, Chang, Du, Diao, Jiang, Wang, Ma, Zhang: "Mammalian sterile 20-like kinase 1/2 inhibits the Wnt/?-catenin signalling pathway by directly binding casein kinase 1?." in: **The Biochemical journal**, Vol. 458, Issue 1, pp. 159-69, (2014) ([PubMed](#)).

Rajyaguru, She, Parker: "Scd6 targets eIF4G to repress translation: RGG motif proteins as a class of eIF4G-binding proteins." in: **Molecular cell**, Vol. 45, Issue 2, pp. 244-54, (2012) ([PubMed](#)).

Nissan, Rajyaguru, She, Song, Parker: "Decapping activators in *Saccharomyces cerevisiae* act by multiple mechanisms." in: **Molecular cell**, Vol. 39, Issue 5, pp. 773-83, (2010) ([PubMed](#)).



Western Blotting

Image 1. The anti-GST Pab (ABIN388090 and ABIN2843198) is used in Western blot to detect a GST-fusion recombinant protein (42 kDa) purified from bacterial lysate (Lanes 1-3: 10, 40, and 160 ng GST-fusion protein).