

GST-tag (rabbit antibody, polyclonal)

Cat PA00176

Size 50 µg

Host

Rabbit

Clonality

Polyclonal

Confirmed reactivity

Immunogen

GST protein

Host

Rabbit

Clonality

Polyclonal

Purity

Immunogen affinity purified serum in PBS pH 7.4.

Format

Lyophilized

Reconstitution

For reconstitution add 50 µl of sterile water

Storage

Lyophilized antibody can be stored at -20°C for up to 3 years. Re-constituted antibody can be stored at 4°C for several days to weeks. Once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Application

ELISA (ELISA), Western blot (WB)

Recommended dilution

1: 1: 1000 (ELISA), 1: 2000 (WB)

Expected | apparent MW

26 kDa

Predicted reactivity

native and denatured forms of purified GST or GST fusion proteins

Not reactive in

No confirmed exceptions from predicted reactivity are currently known

Additional information

Exact working dilution for each application needs to be determined experimentally, Overnight incubation of this

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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antibody with dilution 1:5 000 with 0,5 µg of GST-tagged protein produced strong background but works fine with samples of total Escherichia coli lysate if GST-tagged protein is expressed in low amounts.

Description

The gst tag (glutathione S-transferase) is a tag that is added to the protein of interest as a fusion protein and cannot be purified and detected. The label is 220 amino acids long, about 26 kDa, which is quite large compared to Myc or FLAG labels.

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