

Rabbit GST-Tag Monoclonal Antibody | anti-GST-Tag antibody

GST-Tag Rabbit mAb

CATALOG # AAA282149	HOST Rabbit	APPLICATIONS Immunoprecipitation, Western Blot
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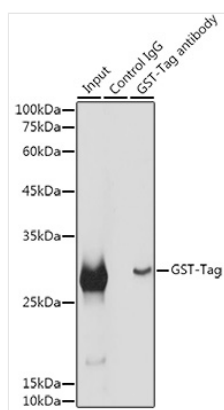
PRODUCT SYNONYMS

GST-Tag; Monoclonal Antibody; GST-Tag Rabbit mAb; GST; GST tag; GST-tag; anti-GST-Tag antibody

PRODUCT SPECIFICATIONS

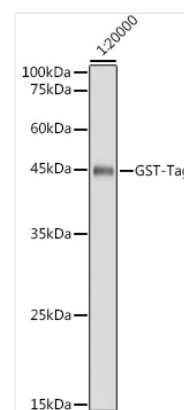
Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-GST-Tag antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Recombinant protein of GST protein.
Positive Samples	GST protein
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of 100ug extracts of GST protein cells using 3ug GST-Tag antibody. Western blot was performed from the immunoprecipitate using GST-Tag antibody at a dilution of 1:10000.



WB (Western Blot)

Western blot analysis of over-expressed GST protein using GST-Tag antibody at different dilution. Each lane was loaded with 2 ug cell lysate. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-GST-Tag antibody	Background: Glutathione S-transferases (GSTs), previously known as ligandins, comprise a family of eukaryotic and prokaryotic phase II metabolic isozymes best known for their ability to catalyze the conjugation of the reduced form of glutathione (GSH) to xenobiotic substrates for the purpose of detoxification. The GST family consists of three superfamilies: the cytosolic, mitochondrial, and microsomal- also known as MAPEG- proteins. Members of the GST superfamily are extremely diverse in amino acid sequence, and a large fraction of the sequences deposited in public databases are of unknown function. The Enzyme Function Initiative (EFI) is using GSTs as a model superfamily to identify new GST functions. A GST-tag is often used to separate and purify proteins that contain the GST-fusion protein. The tag is 220 amino acids (roughly 26 kDa) in size, which, compared to tags such as the Myc-tag or the DYKDDDDK-tag, is quite large. It can be fused to either the N-terminus or C-terminus of a protein. However, many commercially available sources of GST-tagged plasmids include a thrombin domain for cleavage of the GST tag during protein purification.
Product Categories/Family for anti-GST-Tag antibody	Other Antibody Type

NCBI AND UNIPROT INFORMATION

Molecular Weight	Calculated MW: 26kDa Observed MW: 50KDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/gst-tag-antibody-immunoprecipitation-western-blot-elisa/282149>