

Product Datasheet

GST Epitope Tag Antibody - BSA Free NB600-326

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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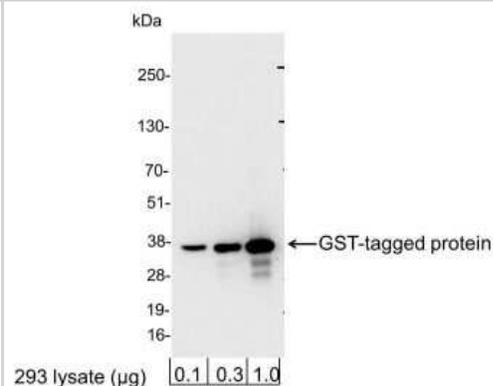
NB600-326

GST Epitope Tag Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	2944
Gene Symbol	GSTM1
Species	Epitope Tag
Reactivity Notes	Rat reactivity in vitro transcription/translation systems reported in scientific literature (PMID:19412421). Human reactivity reported in in vitro transcription/translation systems scientific literature (PMID: 18614808). Bacteria reported in (PMID: 27470678).
Immunogen	Rabbits were immunized with Glutathione-S-Transferase (GST) from Schistosoma japonicum. Antibody was isolated by affinity chromatography using GST immobilized on solid support.
Product Application Details	
Applications	Western Blot, Simple Western, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000 - 1:30000, Simple Western 1:2000, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:100-1:400, Immunoprecipitation 1-4 ug/mg lysate, Immunohistochemistry-Paraffin 1:100-1:400
Application Notes	In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in hUbiquitin-GST and hISG15-GST lysates, hVAV1-GST, E. coli lysate and hPARK2-GST, conditioned media, separated by Size, antibody dilution of 1:2000, apparent MW was 39, 47, 43, 81 kDa. IHC-P reactivity reported in (PMID: 19412421).

Images

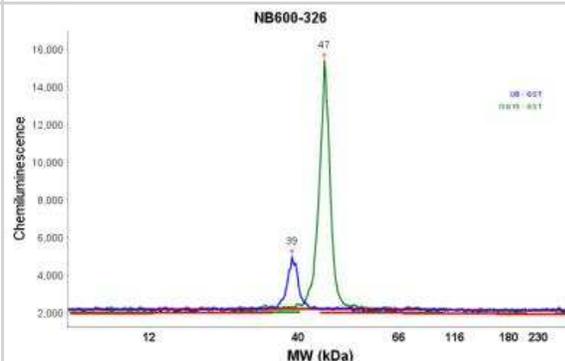
Western Blot: GST Epitope Tag Antibody [NB600-326] - 0.1, 0.3, or 1.0.ug of 293 cell lysate expressing a GST-tag fusion protein. Antibody used at 0.06 ug/ml (1:15,000).



Simple Western: GST Epitope Tag Antibody [NB600-326] - Simple Western lane view shows a specific band for GST Epitope Tag in 5 ng/ml of hUbiquitin-GST (left) & hISG15-GST (right) lysate(s). This experiment was performed under reducing conditions using the 12 - 230 kDa separation system.



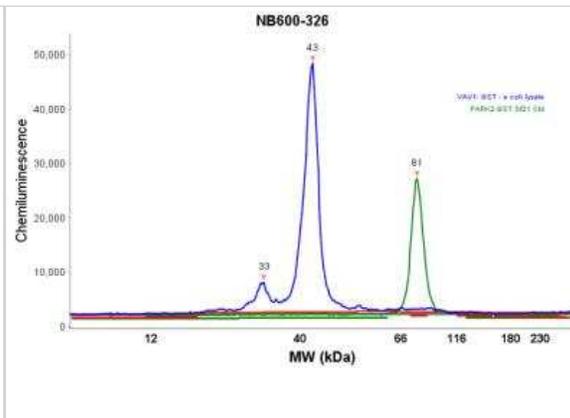
Simple Western: GST Epitope Tag Antibody [NB600-326] - Electropherogram image(s) of corresponding Simple Western lane view. GST Epitope Tag antibody was used at 1:2000 dilution on hUbiquitin-GST (left) & hISG15-GST (right) lysate(s).



Simple Western: GST Epitope Tag Antibody [NB600-326] - Simple Western lane view shows a specific band for GST Epitope Tag in 5 ng/ml of hVAV1-GST, E. coli (left) & hPARK2-GST-conditioned media (right) lysate(s). This experiment was performed under reducing conditions using the 12 - 230 kDa separation system.



Simple Western: GST Epitope Tag Antibody [NB600-326] - Electropherogram image(s) of corresponding Simple Western lane view. GST Epitope Tag antibody was used at 1:2000 dilution on hVAV1-GST, E. coli (left) & hPARK2-GST-conditioned media (right) lysate(s).



Publications

Pasquini M, Grosjean N, Hixson KK et al. Zng1 is a GTP-dependent zinc transferase needed for activation of methionine aminopeptidase Cell reports 2022-05-17 [PMID: 35584675]

Greulich BM, Rajendran S, Downing NF et al. A complex with poly(A)-binding protein and EWS facilitates the transcriptional function of oncogenic ETS transcription factors in prostate cells The Journal of biological chemistry 2023-11-11 [PMID: 37956771] (WB)

Rodriguez Pena MJ, Castillo Bennett JV et al. MARCKS Protein Is Phosphorylated and Regulates Calcium Mobilization during Human Acrosomal Exocytosis. PLoS One 2013-05-21 [PMID: 23704996] (WB)

Details:

Citation using the Bulk Size format of this antibody.

Jalouli M, Moka S, Turgeon CA et al. Selective HIF-1 Regulation under Nonhypoxic Conditions by the p42/p44 MAP Kinase Inhibitor PD184161. Mol Pharmacol. [PMID: 28814529] (WB, Rat)

Chen Z, Morales JE, Guerrero PA et al. PTPN12/PTP-PEST Regulates Phosphorylation-Dependent Ubiquitination and Stability of Focal Adhesion Substrates in Invasive Glioblastoma Cells Cancer Res. 2018-05-09 [PMID: 29743287] (WB)

Kuchler P, Zimmermann G, Winzker M et al. Identification of novel PDEd interacting proteins Bioorg. Med. Chem. 2017-08-31 [PMID: 28935183] (IP)

Moka S, Lariviere R, Lamalice L et al. Hypoxia-inducible factor-1 plays a role in phosphate-induced vascular smooth muscle cell calcification Kidney Int. [PMID: 27470678] (WB, Bacteria)

Chandler BD, Burkhardt AL, Foley K et al. A Fully Synthetic and Biochemically Validated Phosphatidyl Inositol-3-Phosphate Hapten via Asymmetric Synthesis and Native Chemical Ligation J Am Chem Soc 2014-01-08 [PMID: 24344932] (WB)

Details:

This citation used the HRP version of this antibody.

Mason FM, Heimsath EG, Higgs HN et al. Bi-modal regulation of a formin by srGAP2 J Biol Chem 2011-02-01 [PMID: 21148482]

Details:

This citation used the HRP version of this antibody.

Pilar AV, Reid-Yu SA, Cooper CA et al. GogB is an anti-inflammatory effector that limits tissue damage during Salmonella infection through interaction with human FBXO22 and Skp1. PLoS Pathog 2012-01-01 [PMID: 22761574]

Iorio-Morin C, Germain P, Roy S et al. Thromboxane A2 modulates cisplatin-induced apoptosis through a Siva1-dependent mechanism. Cell Death Differ 2012-08-01 [PMID: 22343716]

Parent A, Roy SJ, Iorio-Morin C et al. ANKRD13C acts as a molecular chaperone for G protein-coupled receptors. J Biol Chem 2010-12-01 [PMID: 20959461]

More publications at <http://www.novusbio.com/NB600-326>



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB600-326

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB600-388	GST Epitope Tag Antibody [HRP]

Limitations

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