

# 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**

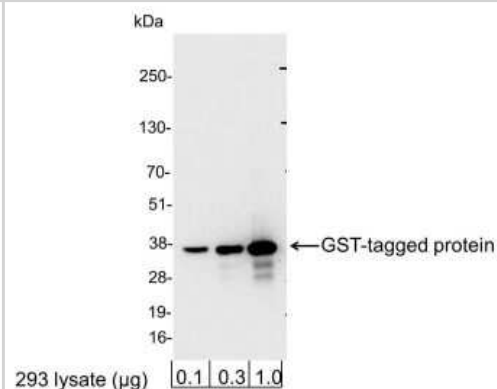
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit GST Epitope Tag Antibody - BSA Free (NB600-326) is a polyclonal antibody validated for use in IHC, WB, ELISA, ICC/IF, Simple Western and IP. Anti-GST Epitope Tag Antibody: Cited in 18 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	2944
<b>Gene Symbol</b>	GSTM1
<b>Species</b>	Epitope Tag
<b>Reactivity Notes</b>	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).
<b>Immunogen</b>	Rabbits were immunized with Glutathione-S-Transferase (GST) from Schistosoma japonicum. Antibody was isolated by affinity chromatography using GST immobilized on solid support.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	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
<b>Application Notes</b>	In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See <a href="#">Simple Western Antibody Database</a> 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

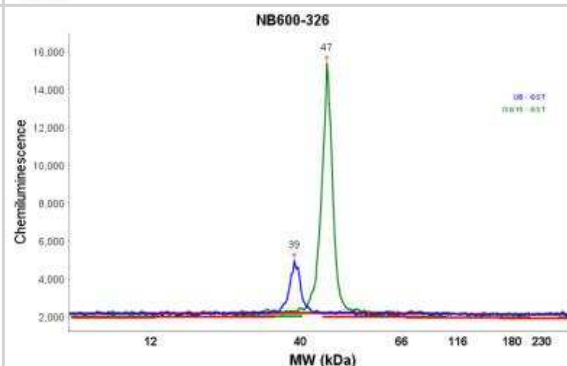
Western Blot: GST Epitope Tag Antibody [NB600-326] - 0.1, 0.3, or 1.0.ug of 293 cell lysate expressing a GST-tag fusion protein. Antibody used at 0.06 ug/ml (1:15,000).



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.



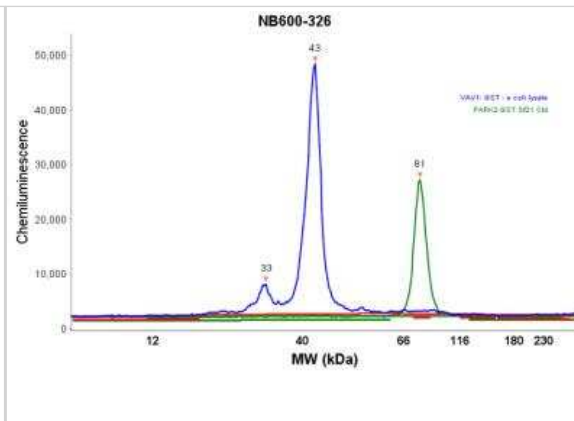
Simple Western: GST Epitope Tag Antibody [NB600-326] - Electropherogram image(s) of corresponding Simple Western lane view. GST Epitope Tag antibody was used at 1:2000 dilution on hUbiquitin-GST (left) & hISG15-GST (right) lysate(s).



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

Ikeda T, Hong S, Yoshida S et al. HUWE1 stimulates mTORC1 activity by enhancing Rheb interaction with mTORC1 and supports de novo pyrimidine synthesis. *Cell reports* 2025-10-09 [PMID: 41075246]

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, Mokas 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)

Mokas 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]

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





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### **Products Related to NB600-326**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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