

Product Datasheet

DYKDDDDK Epitope Tag Antibody - BSA Free NB600-345

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB600-345**DYKDDDDK 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
Target Molecular Weight	1.01 kDa

Product Description	
Host	Rabbit
Species	Epitope Tag
Specificity/Sensitivity	DYKDDDDK Epitope Tag Antibody reacts with FLAG.
Immunogen	To produce DYKDDDDK Epitope Tag Antibody, Rabbits were immunized with ECS enterokinase cleavage site (xxxDDDDK) conjugated to KLH. Antibody was isolated by affinity chromatography using the peptide immobilized on solid support.
Notes	FLAG(R) and ANTI-FLAG(R) are registered trademarks of Sigma-Aldrich Co. LLC.

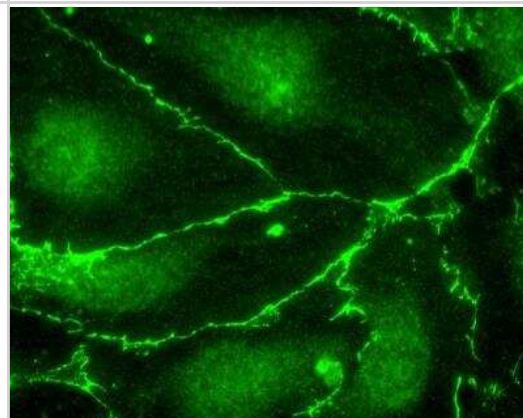
Product Application Details	
Applications	Western Blot, Simple Western, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:30000, Simple Western reported by internal validation, ELISA 1:1000-1:30000 (Primary) 1:100-1:500 (For Coating , Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100-1:400, Immunoprecipitation 1 - 4 ug/mg lysate
Application Notes	Use in IHC reported in scientific literature (PMID: 33219296) ELISA for coating plates 1:100 - 1:500. Use in Western Blot reported in scientific literature (PMID: 30297740). In Simple Western internal validation: Abro1 NT Tx lysate at 0.1 mg/ml as sample; separated by size; antibody dilution of 1:250; matrix was 12-230 kDa; detected by Chemiluminescence.

Images

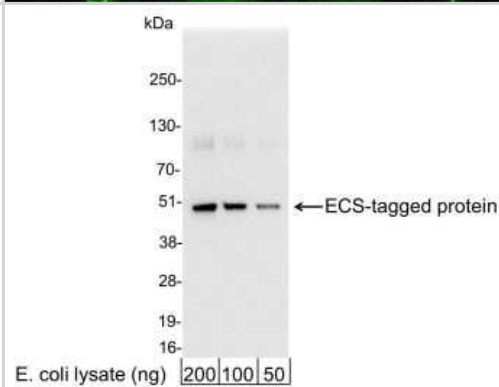
Western Blot: DYKDDDDK Epitope Tag Antibody [NB600-345] - used for Western Blot. Lane 1: Untransfected HEK (control) Lane 2: Transfected HEK (FLAG-tagged protein, clone 1) Lane 3: Transfected HEK (FLAG-tagged protein, clone 2). Image from verified customer review.



Immunocytochemistry/Immunofluorescence: DYKDDDDK Epitope Tag Antibody [NB600-345] - Samples: Human microvascular endothelial cells expressing FLAG tagged beta-catenin following transient transfection. Antibody: Affinity purified goat DYKDDDDK Epitope Tag Antibody [NB600-345] used at 1 ug/ml. Detection: FITC labeled rabbit anti-goat IgG (h+l).



Western Blot: DYKDDDDK Epitope Tag Antibody [NB600-345] - Samples: 200, 100, or 50 ng of E. coli whole cell lysate expressing a multi-tag fusion protein. Antibody: Affinity purified goat DYKDDDDK Epitope Tag Antibody [NB600-345] used for WB at 0.04 ug/ml (1:25,000). Detection: Chemiluminescence with an exposure time of 30 seconds. Observed molecular weight ~49 kDa



Publications

Escobar A, Styrpejko DJ, Ali S, Cuajungco MP. Transmembrane 163 (TMEM163) protein interacts with specific mammalian SLC30 zinc efflux transporter family members *Biochemistry and Biophysics Reports* 2022-12-01 [PMID: 36204728] (IP)

Yurkovetskiy L, Guney MH, Kim k et al. Primate immunodeficiency virus proteins Vpx and Vpr counteract transcriptional repression of proviruses by the HUSH complex. *Nat Microbiol.* 2018-10-08 [PMID: 30297740] (WB)

Chatterjee Bhowmick D, Burnett L, Kudaibergenova Z, Jeremic AM FoxA2 and RNA Pol II mediate human islet amyloid polypeptide turnover in ER-stressed pancreatic beta-cells *The Biochemical journal* 2021-03-26 [PMID: 33650632] (WB, IF/IHC)

Ketkar A, Smith L, Johnson C et al. Human Rev1 relies on insert-2 to promote selective binding and accurate replication of stabilized G-quadruplex motifs *Nucleic acids research* 2021-02-26 [PMID: 33555350] (WB)

Tindell SJ, Rouchka EC, Arkov AL Glial granules contain germline proteins in the Drosophila brain, which regulate brain transcriptome *Commun Biol* 2020-11-20 [PMID: 33219296] (IF/IHC)

Details:

Immunohistochemical analysis performed on Drosophila brains transfected with plasmids for tagging tud

Maria AG, Tatsi C, Berthon AS et al. ARMC5 variants in PRKAR1A-mutated patients modify cortisol levels and Cushing's syndrome *Endocr. Relat. Cancer* 2020-07-01 [PMID: 32638579]

Gonzalez CM, Wang L, Damania B et al. Kaposi's sarcoma-associated herpesvirus encodes a viral deubiquitinase *J Virol*

Details:

This publication used the HRP conjugated form of this antibody (Cat# NB600-389).

Jung YS, Liu G, Chen X et al. Pirh2 E3 ubiquitin ligase targets DNA polymerase eta for 20S proteasomal degradation *Mol Cell Biol* 2010-02-01 [PMID: 20008555]

Details:

This citation used the HRP version of this antibody.

Gonzalez CM, Wang L, Damania B et al. Kaposi's sarcoma-associated herpesvirus encodes a viral deubiquitinase *J Virol* 2009-10-01 [PMID: 19640989]

Details:

This citation used the HRP version of this antibody.

Jeong KJ, Seo MJ, Iverson BL et al. APEX 2-hybrid, a quantitative protein-protein interaction assay for antibody discovery and engineering *Proc Natl Acad Sci USA* 2007-05-01 [PMID: 17494738]

Details:

This citation used the HRP version of this antibody.

Snow JW, Kim J, Currie CR et al. Sumoylation regulates interaction of FOG1 with C-terminal-binding protein (CTBP). *J Biol Chem* 2010-09-01 [PMID: 20587419]

Snow JW, Orkin SH. Translational isoforms of FOG1 regulate GATA1-interacting complexes. *J Biol Chem* 2009-10-01 [PMID: 19654328]

More publications at <http://www.novusbio.com/NB600-345>



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 NB600-345

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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