

# Product Datasheet

## T7 Epitope Tag Antibody NB600-372

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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**NB600-372****T7 Epitope Tag Antibody**

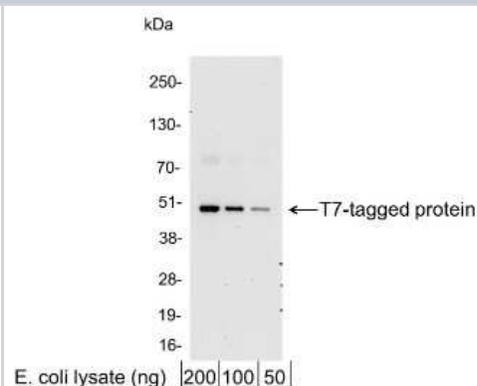
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS

<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Species</b>	Non-species specific, Drosophila
<b>Reactivity Notes</b>	Drosophila reactivity reported in scientific literature (PMID: 29689197).
<b>Immunogen</b>	Rabbits were immunized with T7 cleavage site (MASMTGGQQMG) conjugated to KLH. Antibody was isolated by affinity chromatography using the peptide immobilized on solid support. Rabbit anti- human T7 affinity purified antibodies were coupled to peptide immobilized on solid support.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:30000, ELISA Primary-1:1000-1:30000; Coating: 1:100-1:500, Immunocytochemistry/Immunofluorescence 1:100-1:400, Immunoprecipitation 1 - 4 ug/mg lysate

**Images**

Western Blot: T7 Epitope Tag Antibody [NB600-372] - Detection of T7-tagged Protein by Western Blot. Samples: 200, 100, or 50 ng of E. coli whole cell lysate expressing a multi-tag fusion protein. Antibodies: Affinity purified, rabbit anti-T7 antibody NB600-372 used for WB at 0.04 ug/ml (1:25,000). Detection: Chemiluminescence with an exposure time of 30 seconds.



## Publications

Tan Kai Li, Haelterman Nele A, Kwartler Callie S et al. Ari-1 Regulates Myonuclear Organization Together with Parkin and Is Associated with Aortic Aneurysms. *PLoS One* 2019-04-23 [PMID: 29689197] (WB, *Drosophila*)

Carbonell, C;Ulsamer, A;Vivori, C;Papasaikas, P;Bottcher, R;Joaquin, M;Minana, B;Tejedor, JR;de Nadal, E;Valcarcel, J;Posas, F; Functional Network Analysis Reveals the Relevance of SKIIP in the Regulation of Alternative Splicing by p38 SAPK *Cell Rep* 2019-04-16 [PMID: 30995481] (WB)

Saribas AS, White MK, Safak M. Structure-based release analysis of the JC virus agnoprotein regions: A role for the hydrophilic surface of the major alpha helix domain in release. *J Cell Physiol*. 2017-07-19 [PMID: 28722139] (IP)

### Details:

This citation used the Agarose Immobilized form of this antibody.

Tejedor JR, Tilgner H, Iannone C et al. Role of six single nucleotide polymorphisms, risk factors in coronary disease, in OLR1 alternative splicing. *RNA* 2015-06-01 [PMID: 25904137] (WB)

Rippa V, Cirulli C, Di Palo B et al. The ribosomal protein L2 interacts with the RNA polymerase alpha subunit and acts as a transcription modulator in *Escherichia coli* *J Bacteriol* 2010-04-01 [PMID: 20097853]

### Details:

This citation used the Agarose Immobilized version of this antibody.

Zhou J, Liu Y, Zhang W et al. Transcription elongation regulator 1 is a co-integrator of the cell fate determination factor Dachshund homolog 1. *J Biol Chem* 2010-12-01 [PMID: 20956529]

Sevova ES, Bangs JD. Streamlined architecture and glycosylphosphatidylinositol-dependent trafficking in the early secretory pathway of African trypanosomes. *Mol Biol Cell* 2009-11-01 [PMID: 19759175]

Rayala SK, Martin E, Sharina IG et al. Dynamic interplay between nitration and phosphorylation of tubulin cofactor B in the control of microtubule dynamics. *Proc Natl Acad Sci U S A* 2007-12-01 [PMID: 18048340]

Gururaj AE, Peng S, Vadlamudi RK et al. Estrogen induces expression of BCAS3, a novel estrogen receptor-alpha coactivator, through proline-, glutamic acid-, and leucine-rich protein-1 (PELP1). *Mol Endocrinol* 2007-08-01 [PMID: 17505058]

Manavathi B, Rayala SK, Kumar R et al. Phosphorylation-dependent regulation of stability and transforming potential of ETS transcriptional factor ESE-1 by p21-activated kinase 1. *J Biol Chem* 2007-07-01 [PMID: 17491012]

Miura K, Jin JB, Lee J et al. SIZ1-mediated sumoylation of ICE1 controls CBF3/DREB1A expression and freezing tolerance in *Arabidopsis*. *Plant Cell* 2007-04-01 [PMID: 17416732]

Lee PC, Nguyen AD, Debose-Boyd RA et al. Mutations within the membrane domain of HMG-CoA reductase confer resistance to sterol-accelerated degradation. *J Lipid Res* 2007-02-01 [PMID: 17090658]

More publications at <http://www.novusbio.com/NB600-372>





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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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