

# Product Datasheet

## T7 Epitope Tag Antibody - BSA Free NB600-371

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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### Publications: 5

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**NB600-371**

T7 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

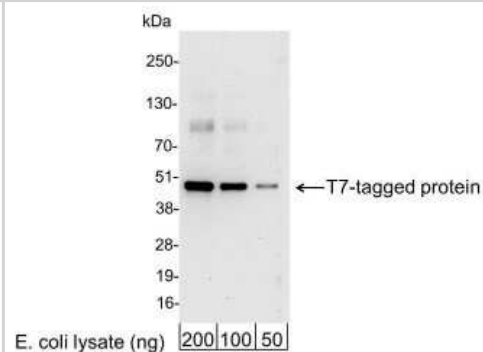
<b>Product Description</b>	
<b>Host</b>	Goat
<b>Species</b>	Epitope Tag
<b>Reactivity Notes</b>	Human reactivity reported in scientific literature (PMID: 27226551).
<b>Immunogen</b>	Goats were immunized with T7 cleavage site (MASMTGGQMG) conjugated to KLH. Antibody was isolated by affinity chromatography using the 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 1:1000-1:10000, ELISA Primary-1:1000-1:30000; Coating: 1:100-1:500, Immunocytochemistry/ Immunofluorescence 1:100-1:400, Immunoprecipitation
<b>Application Notes</b>	Suggested working dilutions: * ELISA Coating 1:100-1:500 Primary 1:1000-1:30,000 Western Blots Colorimetric detection 1:1000-1:10,000 ECL 1:1000-1:30,000 cyto 1:100-1:400+ (see reference) *The investigator should determine the optimal working dilution for a specific application. ELISA, Western blot and immunocytochemistry.

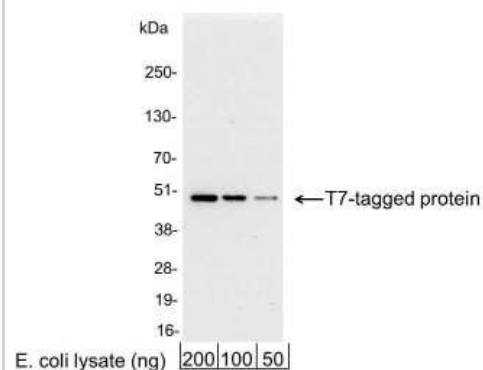


## Images

Western Blot: T7 Epitope Tag Antibody [NB600-371] - Western Blot: T7 Epitope Tag Antibody [HRP] [NB600-377] - 200, 100, or 50 ng of *E. coli* whole cell lysate expressing a multi-tag fusion protein. Antibody used at 0.2 ug/ml (1:5,000). Image using the HRP form of this antibody.



Western Blot: T7 Epitope Tag Antibody [NB600-371] - 200, 100, or 50 ng of *E. coli* whole cell lysate expressing a multi-tag fusion protein. Antibody used at 0.04 ug/ml (1:25,000).



## Publications

Swartz JE, Bor YC, Misawa Y et al. The shuttling SR protein 9G8 plays a role in translation of unspliced mRNA containing a constitutive transport element *J Biol Chem* 2007-07-01 [PMID: 17513303]

### Details:

This citation used the Agarose Immobilized version of this antibody.

Caracino D, Jones C, Compton M et al. The N-terminus of Dictyostelium Scar interacts with Abi and HSPC300 and is essential for proper regulation and function *Mol Biol Cell* 2016-11-07 [PMID: 17314411]

### Details:

This citation used the Agarose Immobilized version of this antibody.

Mashiko T, Sakashita E, Kasashima K et al. Developmentally Regulated RNA-binding Protein 1 (Drb1)/RNA-binding Motif Protein 45 (RBM45), a Nuclear-Cytoplasmic Trafficking Protein, Forms TAR DNA-binding Protein 43 (TDP-43)-mediated Cytoplasmic Aggregates. *J Biol Chem* 2016-05-12 [PMID: 27226551] (WB, Human)

Glater EE, Megeath LJ, Stowers RS et al. Axonal transport of mitochondria requires milton to recruit kinesin heavy chain and is light chain independent. *J Cell Biol* 2006-05-01 [PMID: 16717129]

Jacob, C et al. C-CBL Mediates Ubiquitination, degradation Down-Regulation of Human Protease-Activated Receptor 2 (PAR2). *JBC Papers in Press*. Manuscript M500109200. 2005-02-11 [PMID: 15708858]



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### Products Related to NB600-371

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HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP]
NB410-28088-1mg	Goat IgG Isotype Control
NB600-377	T7 Epitope Tag Antibody [HRP]

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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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