

# Product Datasheet

## AU1 Epitope Tag Antibody - BSA Free NB600-452

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

**Publications: 8**

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**NB600-452****AU1 Epitope Tag Antibody - BSA Free**

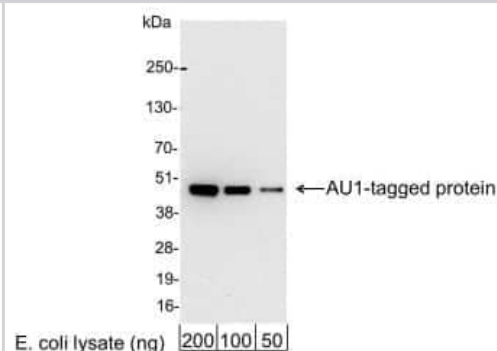
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS

<b>Product Description</b>	
<b>Host</b>	Goat
<b>Species</b>	Epitope Tag
<b>Immunogen</b>	Goats were immunized with AU1 (DTYRYI) 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, Proximity Ligation Assay
<b>Recommended Dilutions</b>	Western Blot 1:1000 - 1:3000, ELISA 1:100 - 1:500, Immunocytochemistry/ Immunofluorescence 1:100 - 1:400, Immunoprecipitation 1 - 4 ug/mg lysate, Proximity Ligation Assay
<b>Application Notes</b>	Use in PLA reported in scientific literature (PMID: 32690953).

**Images**

Western Blot: AU1 Epitope Tag Antibody [NB600-452] - Western Blot: AU1 Epitope Tag Antibody [HRP] [NB600-457] - 200, 100, or 50 ng of E. coli whole cell lysate expressing a multi-tag fusion protein. Antibody used for WB at 0.2 ug/ml (1:5,000). Image using the HRP form of this antibody.



## Publications

Maxime C. van Zwam, Anubhav Dhar, Willem Bosman, Wendy van Straaten, Suzanne Weijers, Emiel Seta, Ben Joosten, Jeffrey van Haren, Saravanan Palani, Koen van den Dries, Carole A. Parent IntAct: A nondisruptive internal tagging strategy to study the organization and function of actin isoforms PLOS Biology 2024-03-11 [PMID: 38466773]

Volcic M, Sparrer KMJ, Koepke L et al. Vpu modulates DNA repair to suppress innate sensing and hyper-integration of HIV-1 Nat Microbiol 2020-07-20 [PMID: 32690953] (PLA)

Huang YC, Su LH, Lee GA et al. Regulation of cyst wall protein promoters by Myb2 in Giardia lamblia J Biol Chem

### Details:

This publication used the Agarose Immobilized conjugated form of this antibody (Cat# NB600-400).

Huang YC, Su LH, Lee GA et al. Regulation of cyst wall protein promoters by Myb2 in Giardia lamblia J Biol Chem 2008-11-01 [PMID: 18768462]

### Details:

This citation used the Agarose Immobilized version of this antibody.

Toulouse A, Au-Yeung F, Gaspar C et al. Ribosomal frameshifting on MJD-1 transcripts with long CAG tracts Hum Mol Genet 2005-09-01 [PMID: 16087686]

### Details:

This citation used the FITC version of this antibody.

Sarkisian MR, Siebzehnrubl D. Abnormal levels of Gadd45alpha in developing neocortex impair neurite outgrowth. PLoS One 2012-01-01 [PMID: 22970179]

Chen W, Luo Y, Liu L et al. Cryptotanshinone inhibits cancer cell proliferation by suppressing Mammalian target of rapamycin-mediated cyclin D1 expression and Rb phosphorylation. Cancer Prev Res (Phila) 2010-08-01 [PMID: 20628002]

Ermler ME, Yerukhim E, Schriewer J et al. RNA helicase signaling is critical for type I interferon production and protection against Rift Valley fever virus during mucosal challenge. J Virol 2013-02-13 [PMID: 23408632] (WB, Human)





### **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 NB600-452**

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HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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