

# Product Datasheet

## TAF15 Antibody - BSA Free

### NB100-566

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NB100-566**

TAF15 Antibody - BSA Free

| Product Information |                                       |
|---------------------|---------------------------------------|
| Unit Size           | 100 ul                                |
| 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              | Tris-Citrate/Phosphate (pH 7.0 - 8.0) |

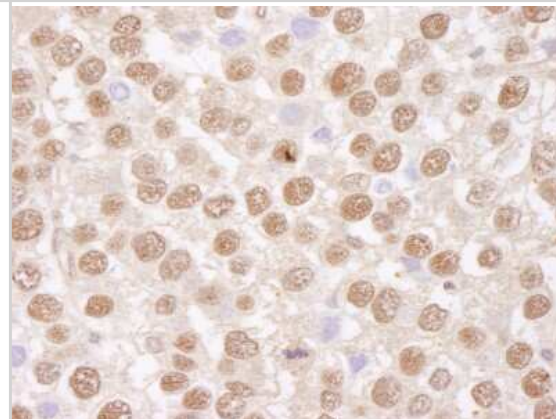
| Product Description     |  |
|-------------------------|--|
| Description             | Novus Biologicals Rabbit TAF15 Antibody - BSA Free (NB100-566) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-TAF15 Antibody: Cited in 9 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                    | Rabbit   |
| Gene ID                 | 8148   |
| Gene Symbol             | TAF15  |
| Species                 | Human  |
| Specificity/Sensitivity | NB100-566 is specific for human TAFII-68 protein.  |
| Immunogen               | A synthetic peptide which maps to a region between residues 175 and 225 of human TAFII68 using the numbering given in Swiss-Prot entry Q92804 (GeneID 8148).   |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation  |
| Recommended Dilutions       | Western Blot 1:5000-1:20000, Immunohistochemistry 1:1000 - 1:5000, Immunoprecipitation 1-4 ug/mg lysate, Immunohistochemistry-Paraffin 1:1000 - 1:5000  |
| Application Notes           | Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. In some cases, the antibody may be diluted further than indicated. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. |

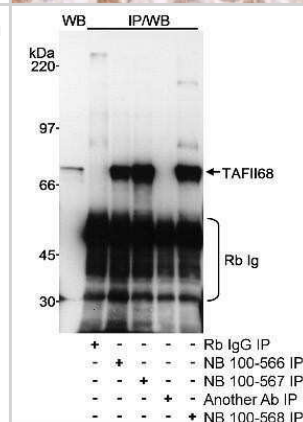


## Images

Immunohistochemistry-Paraffin: TAF15 Antibody [NB100-566] - Sample: FFPE section of human testicular seminoma. Antibody: Affinity purified rabbit anti- TAFII68 used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB



Immunoprecipitation: TAF15 Antibody [NB100-566] - Detection of human TAFII68 on HeLa whole cell lysate using NB100-566. TAFII68 was IPed with rabbit anti-TAFII68 antibodies NB100-566, NB100-567, NB100-568, and another using each at 0.3 ug/mg lysate.



## Publications

Kim GH, Kwon I. Distinct roles of hnRNPH1 low-complexity domains in splicing and transcription Proceedings of the National Academy of Sciences 2021-12-14 [PMID: 34873036]

Duarte Ai, Candeias E, Alves In et Al. Liraglutide Protects Against Brain Amyloid-beta 1-42 Accumulation in Female Mice with Early Alzheimer's Disease-Like Pathology by Partially Rescuing Oxidative/Nitrosative Stress and Inflammation Int J Mol Sci 2020-03-04 [PMID: 32143329]

Fernandes T, Resende R, Silva D Et Al. Structural and Functional Alterations in Mitochondria-Associated Membranes (MAMs) and in Mitochondria Activate Stress Response Mechanisms in an In Vitro Model of Alzheimer s Disease Biomedicines 2021-07-24 [PMID: 34440085]

Gao QY, Zhang HF, Tao J et al. Mitochondrial Fission and Mitophagy Reciprocally Orchestrate Cardiac Fibroblasts Activation Frontiers in Cell and Developmental Biology 2021-01-21 [PMID: 33585469]

Vijayan M, Reddy PH Reduced VDAC1, Maintained Mitochondrial Dynamics and Enhanced Mitochondrial Biogenesis in a Transgenic Tau Mouse Model of Alzheimer's Disease International journal of molecular sciences 2022-08-02 [PMID: 35955694]

### Details:

WB dilution used 1:1000, IHC dilution used 1:102

Wongkitikamjorn W, Hosomichi J, Wada E et al. Gestational Intermittent Hypoxia Induces Mitochondrial Impairment in the Geniohyoid Muscle of Offspring Rats Cureus 2022-05-17 [PMID: 35600069]

Marques A, Resende R, Silva D et al. Mitochondrial Alterations in Fibroblasts of Early Stage Bipolar Disorder Patients Biomedicines 2021-05-07 [PMID: 34066918]

Cristina Carvalho, Sónia C. Correia, Raquel Seica, Paula I. Moreira WWOX inhibition by Zfra1-31 restores mitochondrial homeostasis and viability of neuronal cells exposed to high glucose Cellular and Molecular Life Sciences: CMLS 2022-09-01 [PMID: 35984507]

Kim E, Kwon I Phase transition of fibrillarin LC domain regulates localization and protein interaction of fibrillarin The Biochemical journal 2021-02-26 [PMID: 33522570]





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### **Products Related to NB100-566**

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|            |   |
|------------|---|
| HAF008     | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160     | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control                          |
| NBP2-22848 | Recombinant Human TAF15 His Protein                 |

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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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