

# Product Datasheet

## Daxx Antibody - BSA Free NBP1-85309

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 9

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Updated 2/21/2025 v.20.1

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**NBP1-85309**

Daxx Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

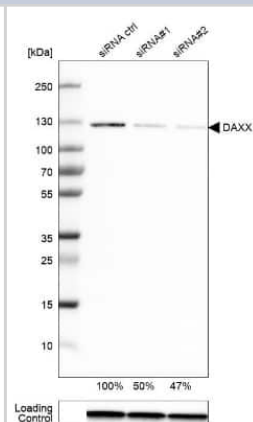
<b>Host</b>	Rabbit
<b>Gene ID</b>	1616
<b>Gene Symbol</b>	DAXX
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: DEEEEAAGKDGDKSPMSSLQISNEKNLEPGKQISRSSGEQQNKGRIVSPSL SEEPLAPSSIDAESNGEQPEELTLEESPVSQLFELEIEALPLDTPSSSVETDISS RKQSEEPFTTVLENGAGMVSSTSFNGGVSPHNWGDGSG

**Product Application Details**

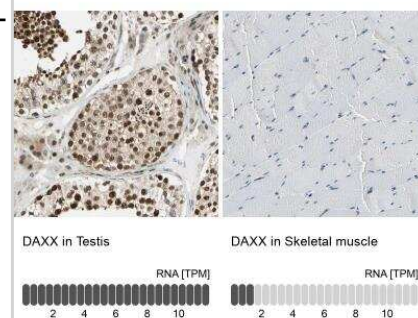
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

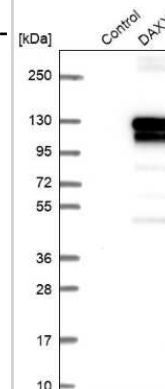
Western Blot: Daxx Antibody [NBP1-85309] - Analysis in HEK293 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-DAXX antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



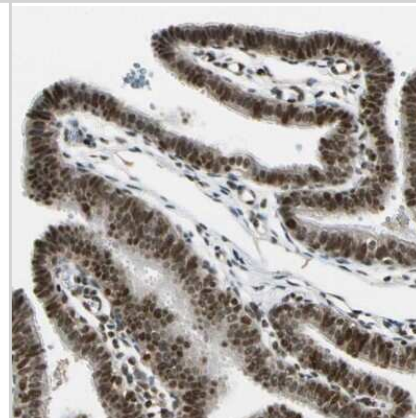
Immunohistochemistry-Paraffin: Daxx Antibody [NBP1-85309] - Staining in human testis and skeletal muscle tissues . Corresponding DAXX RNA-seq data are presented for the same tissues.



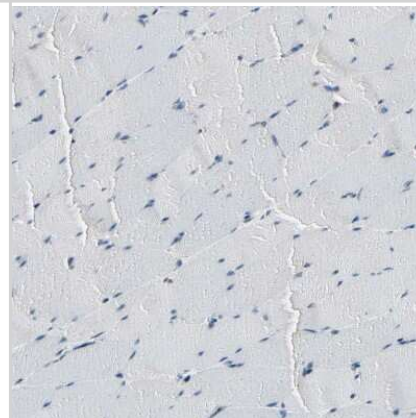
Western Blot: Daxx Antibody [NBP1-85309] - Analysis in control (vector only transfected HEK293T lysate) and DAXX over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



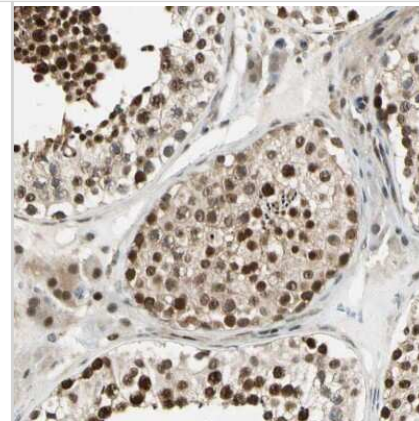
Immunohistochemistry-Paraffin: Daxx Antibody [NBP1-85309] - Staining of human fallopian tube shows moderate to strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: Daxx Antibody [NBP1-85309] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: Daxx Antibody [NBP1-85309] - Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts and in Leydig cells.



Immunohistochemistry-Paraffin: Daxx Antibody [NBP1-85309] - Staining of human tonsil shows moderate to strong nuclear positivity in lymphoid cells.



## Publications

Robert Siddaway, Scott Milos, Étienne Coyaud, Hwa Young Yun, Shahir M. Morcos, Sanja Pajovic, Eric I. Campos, Brian Raught, Cynthia Hawkins The in v ivo Interaction Landscape of Histones H3.1 and H3.3 Molecular & Cellular Proteomics : MCP 2022-09-09 [PMID: 36089195]

Masayuki Yoshida, Reiko Ogawa, Hiroshi Yoshida et al. TERT promoter mutations are frequent and show association with MED12 mutations in phyllodes tumors of the breast. British Journal of Cancer 2015-09-10 [PMID: 26355235] (IF/IHC, Human)

Napier CE, Huschtscha LI, Harvey A et al. ATRX represses alternative lengthening of telomeres. Oncotarget 2015-06-30 [PMID: 26001292] (WB, Human)

Pipinikas CP, Dibra H, Karpathakis A et al. Epigenetic dysregulation and poorer prognosis in DAXX-deficient pancreatic neuroendocrine tumours. Endocr Relat Cancer 2015-06-01 [PMID: 25900181] (IF/IHC, Human)

Fishbein L, Khare S, Wubbenhorst B et al. Whole exome sequencing identifies somatic ATRX mutations in pheochromocytomas and paragangliomas. Nat Commun 2015-01-21 [PMID: 25608029] (IF/IHC, Human)

Stepp WH, Meyers JM, McBride AA. Sp100 Provides Intrinsic Immunity against Human Papillomavirus Infection. mBio 2013-11-05 [PMID: 24194542]

de Wilde RF, Heaphy CM, Maitra A et al. Loss of ATRX or DAXX expression and concomitant acquisition of the alternative lengthening of telomeres phenotype are late events in a small subset of MEN-1 syndrome pancreatic neuroendocrine tumors. Mod Pathol 2012-07-01 [PMID: 22575867]

Schwartzentruber J, Korshunov A, Liu XY et al. Driver mutations in histone H3.3 and chromatin remodelling genes in paediatric glioblastoma. Nature 2012-01-29 [PMID: 22286061]

Heaphy CM, de Wilde RF, Jiao Y et al. Altered telomeres in tumors with ATRX and DAXX mutations. Science 2011-07-22 [PMID: 21719641]



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### **Products Related to NBP1-85309**

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NBP1-85309PEP	Daxx Recombinant Protein Antigen
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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### **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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