

# Product Datasheet

## FBXO11 Antibody NB100-59826

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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**NB100-59826****FBXO11 Antibody****Product Information**

<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>	TBS, 0.1% BSA

**Product Description**

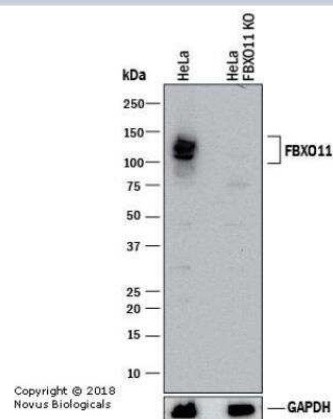
<b>Host</b>	Rabbit
<b>Gene ID</b>	80204
<b>Gene Symbol</b>	FBXO11
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported from a verified customer review.
<b>Immunogen</b>	The immunogen recognized by this antibody maps to a region between residue 877 and 927 of human F-box only protein 11 using the numbering given in entry NP_079409.3 (GeneID 80204).

**Product Application Details**

<b>Applications</b>	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockout Validated
<b>Recommended Dilutions</b>	Western Blot 1:2000-1:10000, Simple Western 1:40, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 2 - 5 ug/mg lysate, Knockout Validated
<b>Application Notes</b>	Use in ICC/IF reported in scientific literature (PMID:34505148). In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: Tested in HeLa lysate 0.5 mg/mL, separated by Size, antibody dilution of 1:40, apparent MW was 140 kDa. FBXO11 antibody validated for WB from verified customer reviews.

**Images**

Western Blot: FBXO11 Antibody [NB100-59826] - Western blot shows lysates of HeLa human cervical epithelial carcinoma parental cell line and FBXO11 knockout (KO) HeLa cell line. PVDF membrane was probed with 1:2000 of Rabbit Anti-Human FBXO11 Polyclonal Antibody (Catalog # NB100-59826) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (Catalog #HAF008). Specific band was detected for FBXO11 at approximately 120 kDa (as indicated) in the parental HeLa cell line, but is not detectable in the knockout HeLa cell line. This experiment was conducted under reducing conditions.





## Publications

- Chan KL, Gomez J, Cardinez C, Kumari N et Al. Inhibition of the CtBP complex and FBXO11 enhances MHC class II expression and anti-cancer immune responses *Cancer Cell* 2022-09-30 [PMID: 36179686]
- Zhuang, X;Woods, J;Ji, Y;Scheich, S;Mo, F;Rajagopalan, S;Coulibaly, ZA;Voss, M;Urlaub, H;Staudt, LM;Pan, KT;Long, EO; Functional genomics identifies N-acetylactosamine extension of complex N-glycans as a mechanism to evade lysis by natural killer cells *Cell reports* 2024-04-14 [PMID: 38619967]
- Simon C, Brunke I, Stielow B et al. SAMD1 suppresses epithelial-mesenchymal transition (EMT) pathways in pancreatic ductal adenocarcinoma *bioRxiv* 2023-08-15 (WB, Human)
- Jeon Y, Chow SH, Stuart I et al. FBXO11 governs macrophage cell death and inflammation in response to bacterial toxins *Life science alliance* 2023-06-01 [PMID: 36977592] (WB, Human)
- Zhuang X, Woods J, Ji Y et al. Functional genomics identifies extension of complex N-glycans as a mechanism to evade lysis by natural killer cells *bioRxiv* 2023-04-05 (WB, Mouse)
- Barra, J, Gaidosh, G S Et al. Integrator restrains paraspeckles assembly by promoting isoform switching of the lncRNA NEAT1. *Sci Adv* 2020-07-01 [PMID: 32923585] (WB, Mouse)
- Gregor A, Meerbrei T, Gerstner T et al. De novo missense variants in FBXO11 alter its protein expression and subcellular localization *Human molecular genetics* 2021-09-09 [PMID: 34505148] (ICC/IF, Human)
- Schieber M, Marinaccio C, Bolanos LC et al. FBXO11 is a candidate tumor suppressor in the leukemic transformation of myelodysplastic syndrome *Blood Cancer J* 2020-10-06 [PMID: 33024076] (WB, Human)
- White MR, Mitrea DM, Zhang P et al. Cyclin F Controls Cell-Cycle Transcriptional Outputs by Directing the Degradation of the Three Activator E2Fs *Mol. Cell* 2019-05-17 [PMID: 31130363]
- Horn M, Geisen C, Cermak L et al. DRE-1/FBXO11-Dependent Degradation of BLMP-1/BLIMP-1 Governs *C. elegans* Developmental Timing and Maturation. *Dev. Cell* 2014-03-04 [PMID: 24613396] (WB, Human)
- Rossi M, Duan S, Jeong YT et al. Regulation of the CRL4(Cdt2) Ubiquitin Ligase and Cell-Cycle Exit by the SCF (Fbxo11) Ubiquitin Ligase *Mol Cell* 2013-03-28 [PMID: 23478441] (WB, Human)
- Duan S, Cermak L, Pagan JK et al. FBXO11 targets BCL6 for degradation and is inactivated in diffuse large B-cell lymphomas. *Nature* 2012-01-01 [PMID: 22113614]





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### **Products Related to NB100-59826**

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NBL1-10620	FBXO11 Overexpression Lysate
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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