

# Product Datasheet

## ILF1 Antibody - BSA Free NBP1-87700

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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**NBP1-87700**

ILF1 Antibody - BSA Free

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

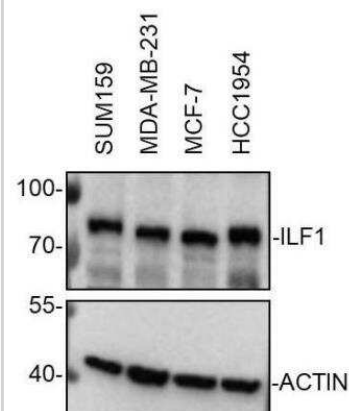
Product Description	
Description	Novus Biologicals Rabbit ILF1 Antibody - BSA Free (NBP1-87700) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3607
Gene Symbol	FOXK2
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SSQPVLITVQRQLPQAIPVTTYTVATPVTSTSTSQPPVVQTVHVVHQIPAVSVTSV AGLAPANTYTVSGQAVVTPAAVLAPPKAEAQENGDHREVKVKVEPIPAIGHATL GTASRIIQTATTPVQTVTIVQQAPLGQHQLPIK

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

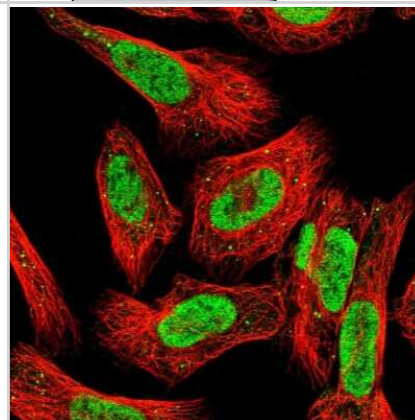


## Images

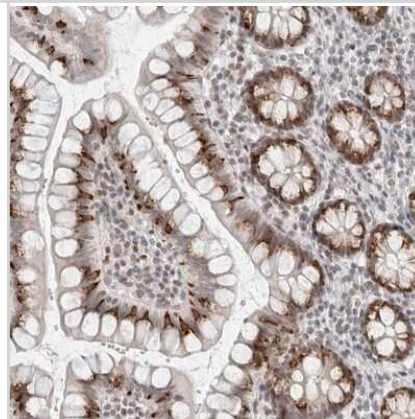
Western Blot: ILF1 Antibody [NBP1-87700] - Whole cell lysates from SUM159, MDA-MB-231, MCF-7 and HCC1954 cells were loaded with 50 ug/lane. 10% SDS-PAGE. ILF1 antibody (NBP1-87700) was used for primary antibody: 1:2000, 4C, overnight. Image from verified customer review.



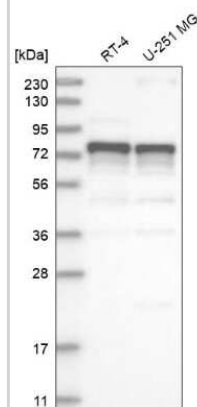
Immunocytochemistry/Immunofluorescence: ILF1 Antibody [NBP1-87700] - Staining of human cell line U-2 OS shows localization to nucleoplasm & vesicles. Antibody staining is shown in green.



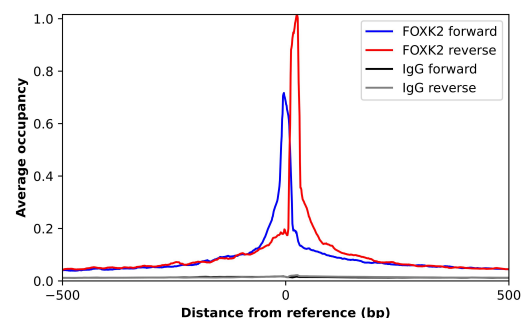
Immunohistochemistry-Paraffin: ILF1 Antibody [NBP1-87700] - Staining of human small intestine shows distinct nuclear positivity in glandular cells.



Western Blot: ILF1 Antibody [NBP1-87700] - Analysis in human cell line RT-4 and human cell line U-251 MG.



ChIP-Exo-Seq composite graph for Anti-FOXK2 (NBP1-87700) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



## Publications

Wu, P;Song, N;Xiang, Y;Tao, Z;Mao, B;Guo, R;Wang, X;Wu, D;Zhang, Z;Chen, X;Ma, D;Zhang, T;Hao, B;Ma, J; FOXK2 in skeletal muscle development: a new pathogenic gene for congenital myopathy with ptosis EMBO molecular medicine 2025-05-23 [PMID: 40410591]



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### **Products Related to NBP1-87700**

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NBP1-87700PEP	ILF1 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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