

Product Datasheet

POU2F3 Antibody - BSA Free NBP1-83966

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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NBP1-83966

POU2F3 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

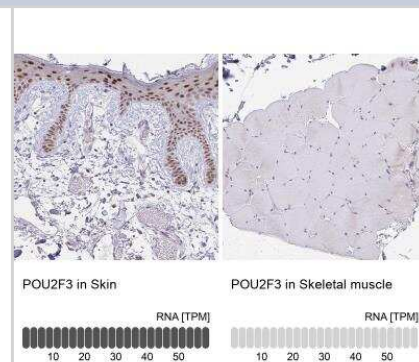
Product Description	
Description	Novus Biologicals Rabbit POU2F3 Antibody - BSA Free (NBP1-83966) is a polyclonal antibody validated for use in IHC and WB. Anti-POU2F3 Antibody: Cited in 8 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	25833
Gene Symbol	POU2F3
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (86%), Rat (84%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LESMHTDIKMSGDVADSTDARSTLSQVEPGNDRNGLDFNRQIKTEDLSDSLQQ TLSHRPCHLSQGPAMMSGNQMSGLNASPCQDMASLHPLQQLVLPVGHLSV SQFLLSQTQP

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500, Immunohistochemistry-Frozen Validated from a verified customer review.
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended.

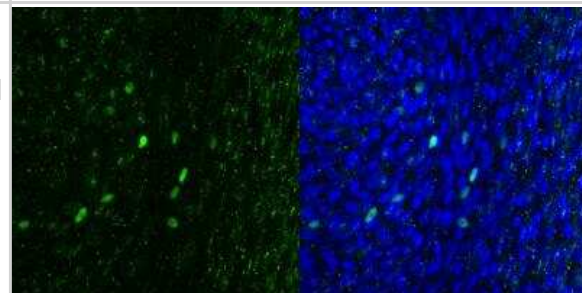


Images

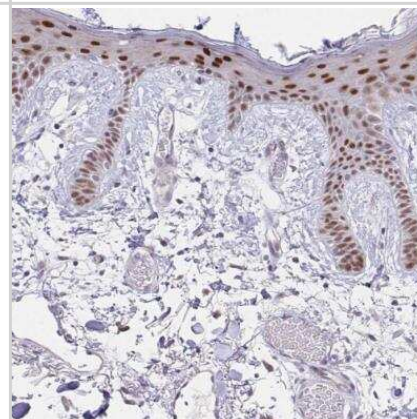
Immunohistochemistry-Paraffin: POU2F3 Antibody [NBP1-83966] - Analysis in human skin and skeletal muscle tissues. Corresponding RNA-seq data are presented for the same tissues



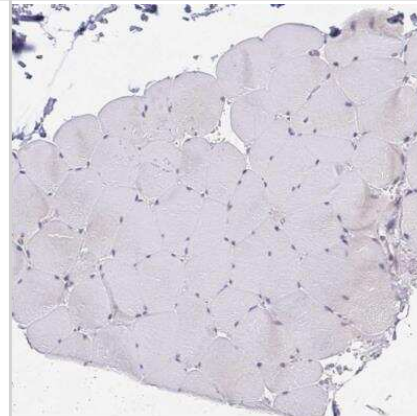
Immunohistochemistry-Frozen: POU2F3 Antibody [NBP1-83966] - Analysis of human airway cell line using POU2F3 antibody. Nuclear staining with DAPI. Image overlap in right panel. IHC-Fr image submitted by a verified customer review.



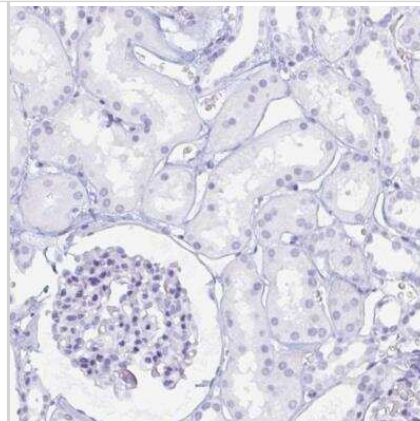
Immunohistochemistry-Paraffin: POU2F3 Antibody [NBP1-83966] - Staining of human skin shows moderate to strong nuclear positivity in keratinocytes.



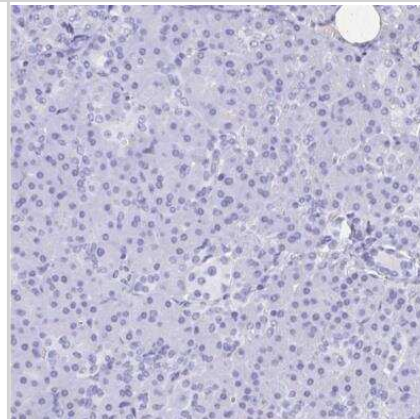
Immunohistochemistry-Paraffin: POU2F3 Antibody [NBP1-83966] - Staining of human skeletal muscle shows no positivity in myocytes



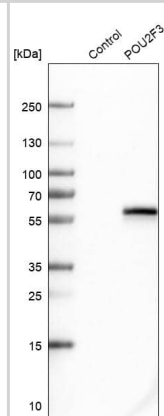
Immunohistochemistry-Paraffin: POU2F3 Antibody [NBP1-83966] - Staining of human kidney shows no positivity in cells in tubules.



Immunohistochemistry-Paraffin: POU2F3 Antibody [NBP1-83966] - Staining of human pancreas shows no positivity in exocrine glandular cells.



Analysis in control (vector only transfected HEK293T lysate) and POU2F3 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



Publications

Qu J, Sun W, Li Y et al. Immune profiling identifies CD161 + CD127 + CD8 + T cells as a predictive biomarker for Anti-PD-L1 therapy response in the SCLC-I subtype. *Journal of Translational Medicine* 2025-07-02 [PMID: 40597359]

Rey-Vergara R, Galindo-Campos M, Rocha P et al. MET pathway inhibition increases chemo-immunotherapy efficacy in small cell lung cancer. *Cell Reports Medicine* 2025-06-13 [PMID: 40543507]

Hwang S, Hong TH, Park S et al. Molecular subtypes of small cell lung cancer transformed from adenocarcinoma after EGFR tyrosine kinase inhibitor treatment *Translational Lung Cancer Research* 2021-12-01 [PMID: 35004251]

Kim J, Kim S, Park SY et al. Molecular Subtypes and Tumor Microenvironment Characteristics of Small-Cell Lung Cancer Associated with Platinum-Resistance Cancers (Basel) 2023-07-11 [PMID: 37509231]

Tian Y, Li Q, Yang Z et al. Single-cell transcriptomic profiling reveals the tumor heterogeneity of small-cell lung cancer *Signal Transduction and Targeted Therapy* 2022-10-05 [PMID: 36195615]

Wang Z, Liu C, Zheng S, Yao Y et Al. Molecular subtypes of neuroendocrine carcinomas: A cross-tissue classification framework based on five transcriptional regulators *Cancer Cell* 2024-05-24 [PMID: 38788718]

Park S, Hong TH, Hwang S, Heeke S et Al. Comprehensive analysis of transcription factor-based molecular subtypes and their correlation to clinical outcomes in small-cell lung cancer *EBioMedicine* 2024-03-16 [PMID: 38492534]

Hwang S, Hong TH, Kim HK et al. Whole-Section Landscape Analysis of Molecular Subtypes in Curatively Resected Small Cell Lung Cancer: Clinicopathologic Features and Prognostic Significance *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc* 2023-04-11 [PMID: 37054974] (IHC, Human)

Cai L, Liu H, Huang F et al. Cell-autonomous immune gene expression is repressed in pulmonary neuroendocrine cells and small cell lung cancer *Communications biology* 2021-03-09 [PMID: 33750914] (IF/IHC)

Gay CM, Stewart CA, Park EM, et al. Patterns of transcription factor programs and immune pathway activation define four major subtypes of SCLC with distinct therapeutic vulnerabilities *Cancer cell* 2021-01-05 [PMID: 33482121]





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Products Related to NBP1-83966

NBP1-83966PEP	POU2F3 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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