

Product Datasheet

PRELID2 Antibody - BSA Free NBP1-81937

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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NBP1-81937

PRELID2 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

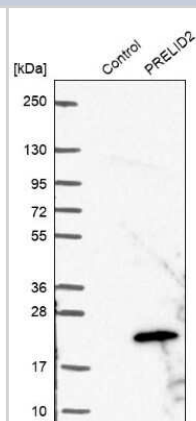
Product Description	
Description	Novus Biologicals Rabbit PRELID2 Antibody - BSA Free (NBP1-81937) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-PRELID2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	153768
Gene Symbol	PRELID2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (89%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QLEESWLNPRERNMAIRSHCLTWTQYASMKEESVFRESMENPNWTEFIQRG RISITGVGFLNCVLETFASFRLRQGAQKGRIMEMLLKEQCG

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

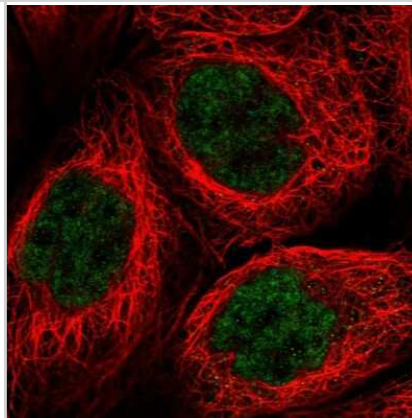


Images

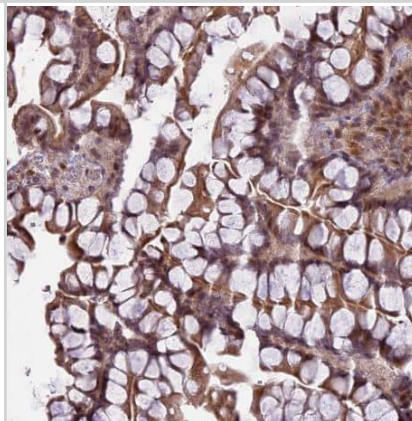
Western Blot: PRELID2 Antibody [NBP1-81937] - Analysis in control (vector only transfected HEK293T lysate) and PRELID2 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



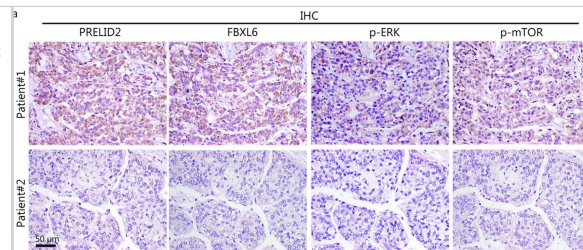
Immunocytochemistry/Immunofluorescence: PRELID2 Antibody [NBP1-81937] - Immunofluorescent staining of human cell line A-431 shows localization to nucleoplasm.



Immunohistochemistry-Paraffin: PRELID2 Antibody [NBP1-81937] - Staining of human small intestine shows moderate cytoplasmic positivity in glandular cells.



Elevated PRELID2 is positively correlated with the FBXL6/p-ERK/p-mTOR pathway and poor prognosis of HCC. a Representative images of IHC staining for FBXL6, PRELID2, p-ERK, and p-mTOR in human HCC tumors. Scale bar = 50 μ m. b The association between PRELID2 and FBXL6, p-ERK, or p-mTOR in 129 paired HCC tumors and adjacent normal tissues was analyzed by χ^2 test. c The prognostic significance of PRELID2 in HCC patients was evaluated by Kaplan–Meier analysis. High expression of PRELID2 predicted a shorter overall survival (OS) time. d The association between FBXL6 and p-ERK/p-mTOR protein levels in 129 HCC tissues was evaluated by the χ^2 test. e The prognostic significance of the coexpression of FBXL6 and p-ERK in HCC patients was evaluated by Kaplan–Meier analysis. f Kaplan–Meier survival curves showing the overall survival of FBXL6^{high}/p-ERK^{high} HCC patients with high or low PRELID2 expression. PRELID2 the proteins of relevant evolutionary and lymphoid interest (PRELI) domain 2, FBXL6 F-box and leucine-rich repeat 6, ERK extracellular signal-regulated kinase, mTOR mammalian target of rapamycin, IHC immunohistochemistry, HCC hepatocellular carcinoma Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/38124228>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Hao-Jun Xiong, Hong-Qiang Yu, Jie Zhang, Lei Fang, Di Wu, Xiao-Tong Lin, Chuan-Ming Xie Elevated FBXL6 activates both wild-type KRAS and mutant KRAS G12D and drives HCC tumorigenesis via the ERK/mTOR/PRELID2/ROS axis in mice. *Military Medical Research* 2023-12-22 [PMID: 38124228]



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Products Related to NBP1-81937

NBP1-81937PEP	PRELID2 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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