

Product Datasheet

JDP2 Antibody - BSA Free NBP2-31775

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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NBP2-31775

JDP2 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

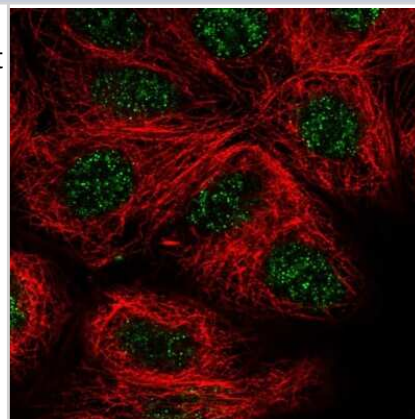
Description	Novus Biologicals Rabbit JDP2 Antibody - BSA Free (NBP2-31775) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-JDP2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	122953
Gene Symbol	JDP2
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: HRPTCIVRTDSVKTPSEGNPLLE

Product Application Details

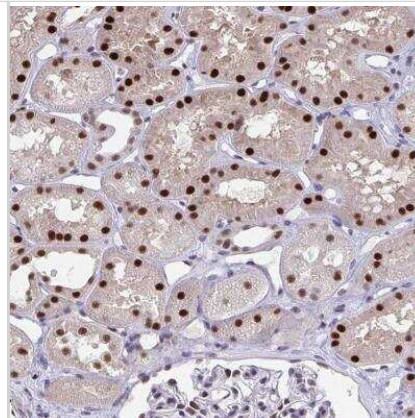
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000, 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

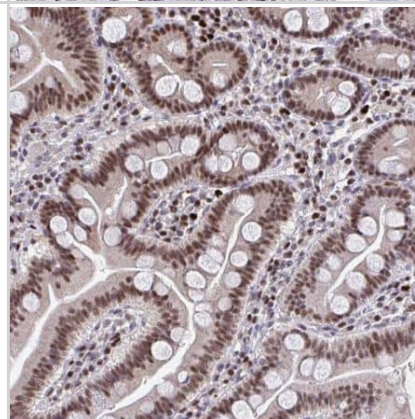
Immunocytochemistry/Immunofluorescence: JDP2 Antibody [NBP2-31775] - Staining of human cell line MCF7 shows positivity in nucleus but excluded from the nucleoli. Antibody staining is shown in green.



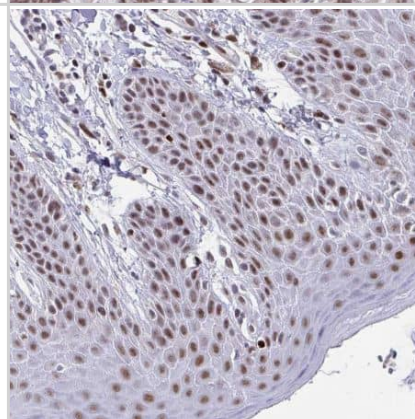
Immunohistochemistry-Paraffin: JDP2 Antibody [NBP2-31775] - Staining of human kidney shows strong nuclear positivity in cells in tubules.



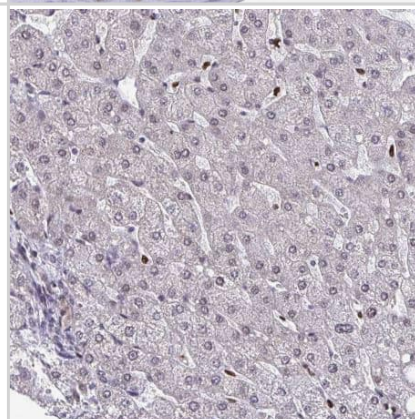
staining of human duodenum shows moderate nuclear positivity in glandular cells.



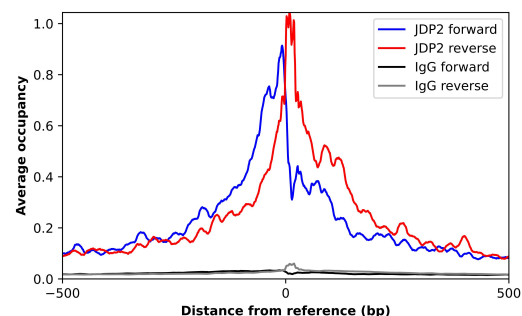
Staining of human skin shows moderate nuclear positivity in squamous epithelial cells.



Staining of human liver shows no positivity in hepatocytes as expected.



ChIP-Exo-Seq composite graph for Anti-JDP2 (NBP2-31775) 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

Rina Agawa, Ikuma Kato, Yusuke Kawabata, Masanobu Takeyama, Satoshi Fujii Histological and immunohistochemical analyses of osteoclast maturation in giant cell tumor of bone. Pathology, research and practice 2024-01-13 [PMID: 38244437]



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Products Related to NBP2-31775

NBP2-31775PEP	JDP2 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

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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