

Product Datasheet

AKAP95/AKAP8 Antibody - BSA Free NBP1-90196

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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Updated 12/2/2025 v.20.1

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NBP1-90196

AKAP95/AKAP8 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

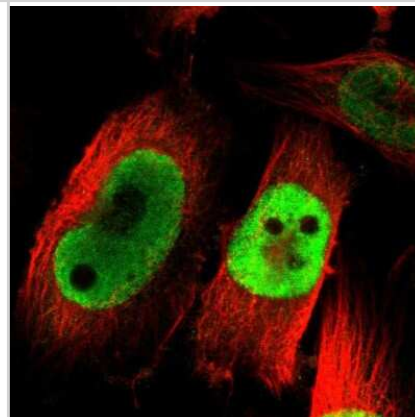
Product Description	
Description	Novus Biologicals Rabbit AKAP95/AKAP8 Antibody - BSA Free (NBP1-90196) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10270
Gene Symbol	AKAP8
Species	Human
Marker	Nucleus without Nucleoli Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PEMEGDDNLGGEDKKETPEEVAADVLAEVITAAVRAVDGEGAPAPESSGEP EDEGPTDTAEAGSDPQAEQLLEEQVPCGTAHEKGVPKARSEAAEAGNGAETM AAEAESAQTRVAPAPAAADAEEVEQTDAESKDAVP

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

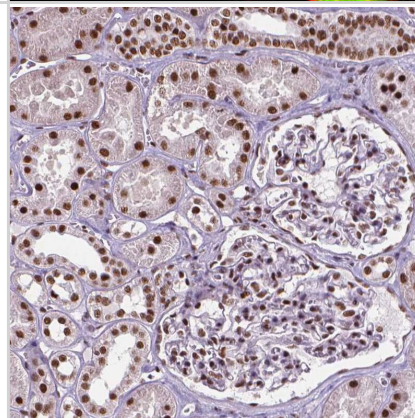


Images

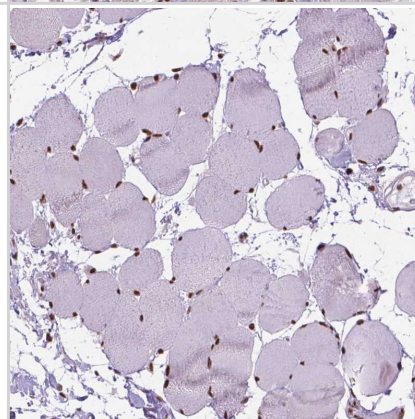
Immunocytochemistry/Immunofluorescence: AKAP95/AKAP8 Antibody [NBP1-90196] - Staining of human cell line U-251 MG shows localization to nucleoplasm.



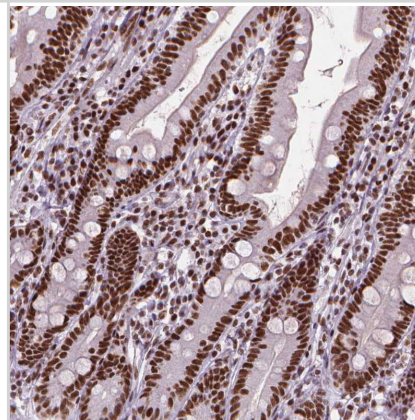
Staining of human kidney shows strong nuclear positivity in cells in tubules and cells in glomeruli.



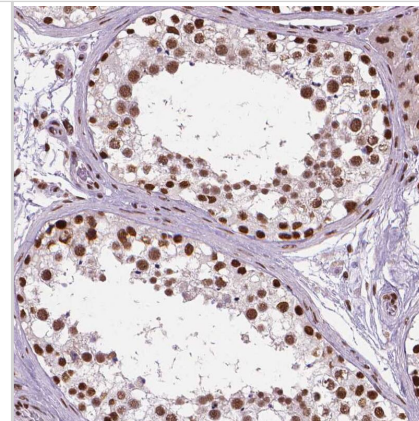
Staining of human skeletal muscle shows strong nuclear positivity in myocytes.



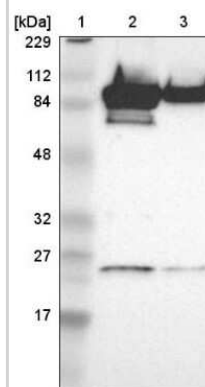
Staining of human duodenum shows strong nuclear positivity in glandular cells and lymphoid cells.



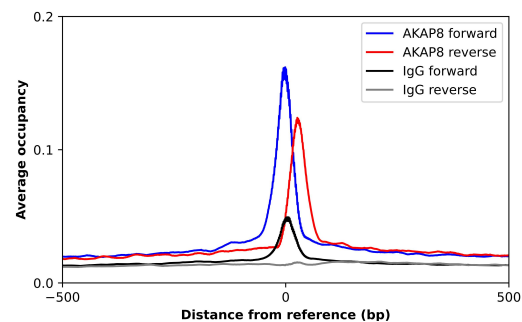
Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



Western Blot: AKAP95/AKAP8 Antibody [NBP1-90196] - Lane 1: Marker [kDa] 229, 112, 84, 48, 32, 27, 17. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



ChIP-Exo-Seq composite graph for Anti-AKAP8 (NBP1-90196) 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.





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Products Related to NBP1-90196

NBP1-90196PEP	AKAP95/AKAP8 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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