

Product Datasheet

NFAT5 Antibody - BSA Free

NBP2-49612

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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technical@novusbio.com

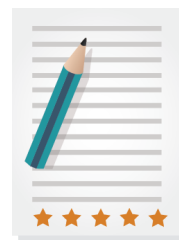
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Updated 9/9/2025 v.20.1

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NBP2-49612

NFAT5 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

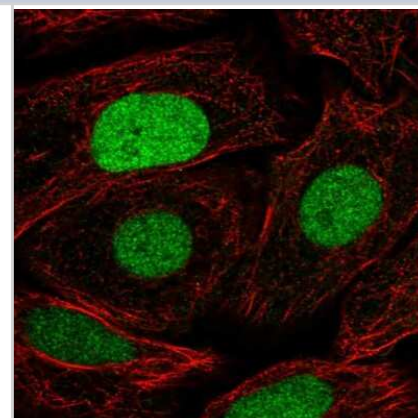
Description	Novus Biologicals Rabbit NFAT5 Antibody - BSA Free (NBP2-49612) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10725
Gene Symbol	NFAT5
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: SMWMEDSPSNFNSNMSTSSYNDNTEVPRKSRKRNPQKQRPQGVKRRDCEESNM DIFDADSAKAPHYVLSQLTTDNKGNSKAGNGT

Product Application Details

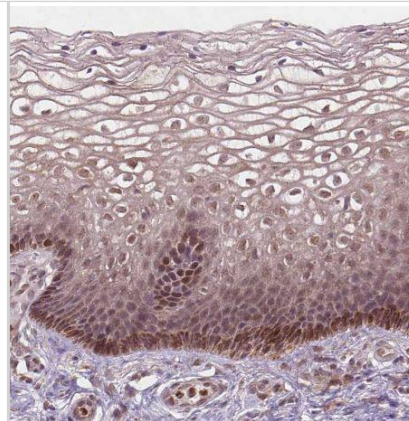
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, 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

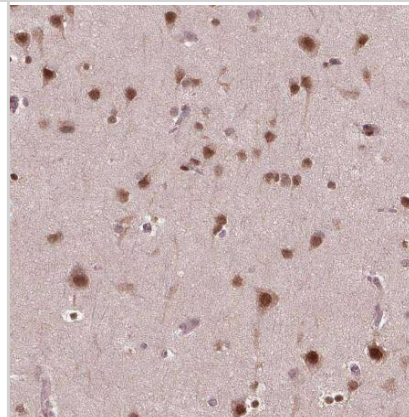
Immunocytochemistry/Immunofluorescence: NFAT5 Antibody [NBP2-49612] - Immunofluorescent staining of human cell line SiHa shows localization to nucleus.



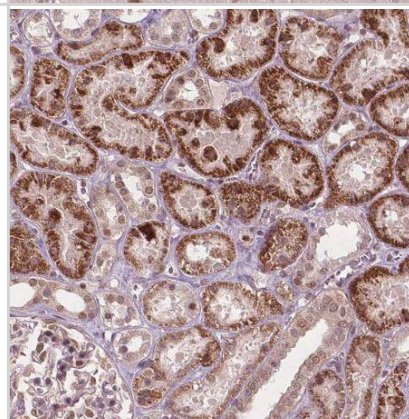
staining of human cervix shows moderate nuclear positivity in squamous epithelial cells.



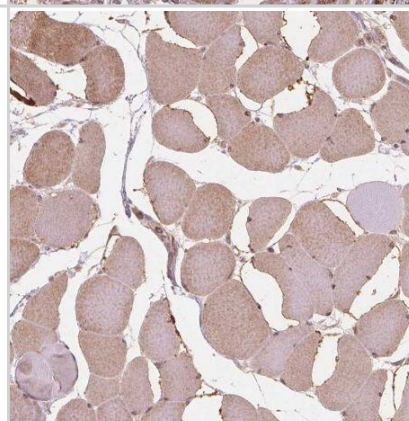
Staining of human cerebral cortex shows moderate nuclear positivity in neurons.



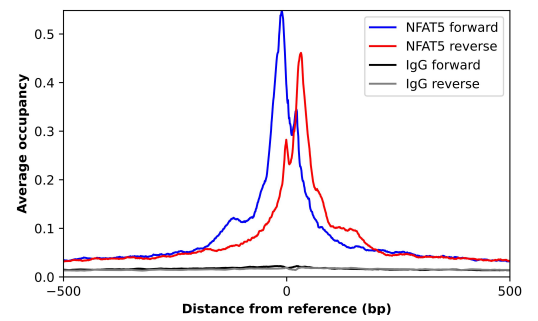
Staining of human kidney shows moderate nuclear positivity in cells in proximal tubules.



Staining of human skeletal muscle shows moderate cytoplasmic positivity in myocytes.



ChIP-Exo-Seq composite graph for Anti-NFAT5 (NBP2-49612) 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 NBP2-49612

NBP2-49612PEP	NFAT5 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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