

Product Datasheet

KAT6B-MORF Antibody - BSA Free NBP1-92036

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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NBP1-92036

KAT6B-MORF 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

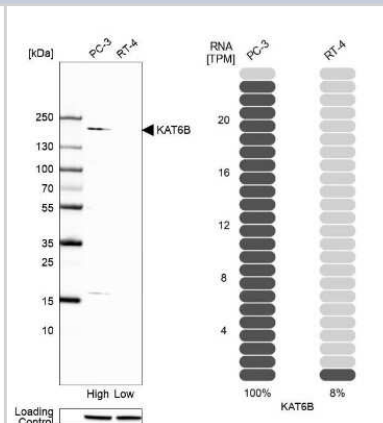
Product Description	
Description	Novus Biologicals Rabbit KAT6B-MORF Antibody - BSA Free (NBP1-92036) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-KAT6B-MORF Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23522
Gene Symbol	KAT6B
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (Khokhar ES et al).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KPVLRKAFQHQP GKKRQTEEEEGKDNHCFKNADPCRNNMNDSSNLKEGSK DNPEPLKCKQVWPKGTKRGLSKWRQNKERKTGFKLNLYTPPETPMEPDEQVT VEEQKETSEGKTSPSPIRIIEEVKETGEAL

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/mL, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25 - 2 ug/mL, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

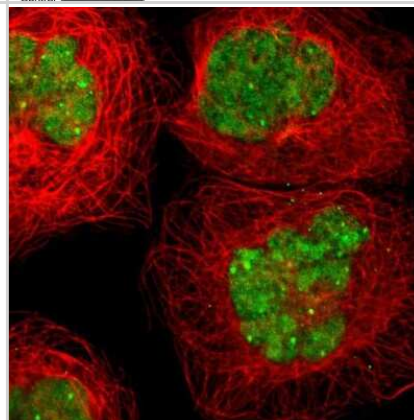


Images

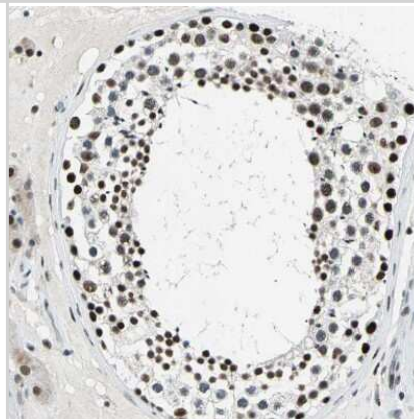
Western Blot: KAT6B-MORF Antibody [NBP1-92036] - Analysis in human cell line PC-3 and human cell line RT-4.



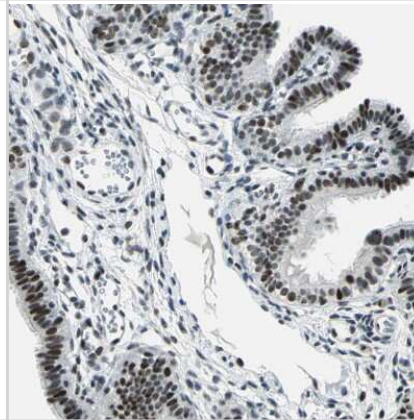
Immunocytochemistry/Immunofluorescence: KAT6B-MORF Antibody [NBP1-92036] - Staining of human cell line A-431 shows localization to nucleus & nuclear bodies. Antibody staining is shown in green.



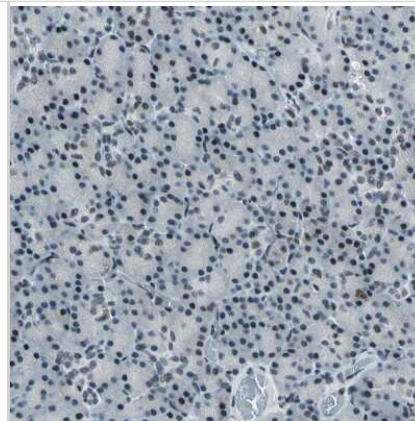
Immunohistochemistry-Paraffin: KAT6B-MORF Antibody [NBP1-92036] - Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: KAT6B-MORF Antibody [NBP1-92036] - Staining of human fallopian tube shows moderate to strong nuclear positivity in glandular cells.



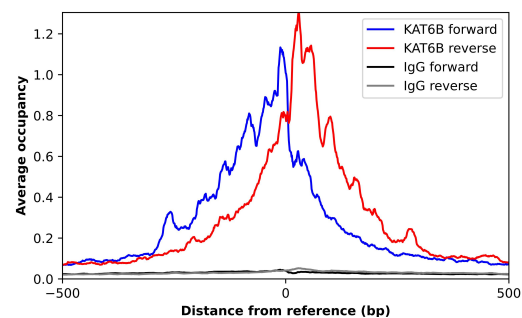
Immunohistochemistry-Paraffin: KAT6B-MORF Antibody [NBP1-92036] - Staining of human pancreas shows very weak nuclear positivity in exocrine glandular cells.



Immunohistochemistry-Paraffin: KAT6B-MORF Antibody [NBP1-92036] - Staining of human small intestine shows positivity in glandular cells.



ChIP-Exo-Seq composite graph for Anti-KAT6B-MORF 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

Khokhar E, Borikar S, Eudy E et al. Aging-Associated Decrease in the Histone Acetyltransferase KAT6B is Linked to Altered Hematopoietic Stem Cell Differentiation Experimental Hematology 2020-02-01 [PMID: 32014431] (ICC/IF)

Khokhar ES, Borikar S, Eudy E et al. Aging-Associated Decrease in the Histone Acetyltransferase KAT6B Causes Myeloid-Biased Hematopoietic Stem Cell Differentiation bioRxiv 1905-07-11 [PMID: 32014431] (ICC/IF, Mouse)



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Products Related to NBP1-92036

NBP1-92036PEP	KAT6B-MORF 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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