

Product Datasheet

SETD5 Antibody - BSA Free

NBP2-38257

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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Publications: 2

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NBP2-38257

SETD5 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

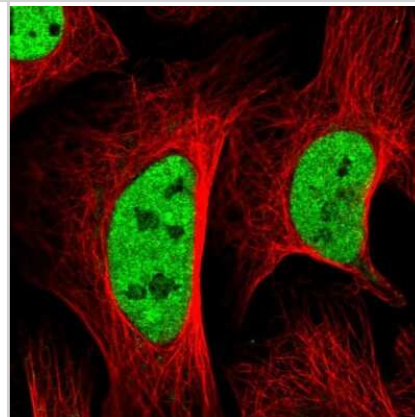
Product Description	
Description	Novus Biologicals Rabbit SETD5 Antibody - BSA Free (NBP2-38257) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-SETD5 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	55209
Gene Symbol	SETD5
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (87%), Rat (85%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: ETPVGEETKTEAPESEVSNVSNVTIPSTPQSVGVNTRRSSQAGDIAAEKLVPK PPPAKPSRPRPKSRISRYRTSSAQRLKRQKQ

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.

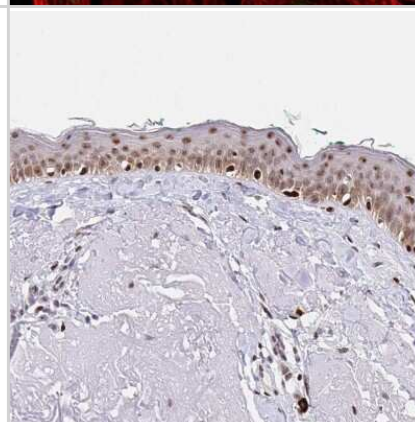


Images

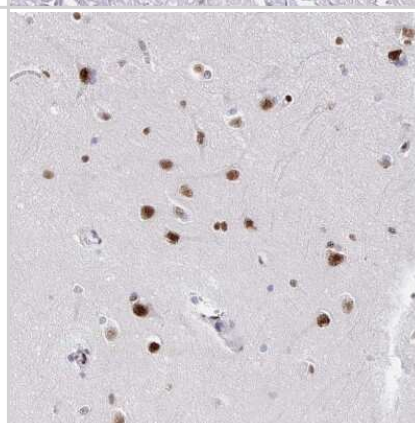
Immunocytochemistry/Immunofluorescence: SETD5 Antibody [NBP2-38257] - Staining of human cell line U-2 OS shows localization to nucleoplasm. Antibody staining is shown in green.



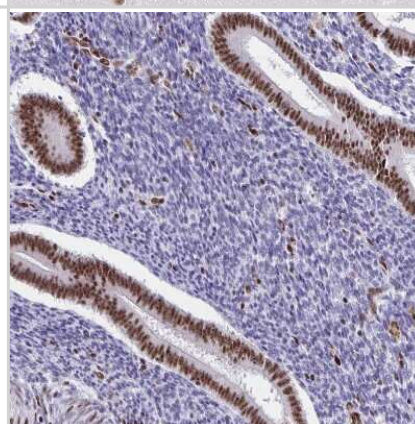
Immunohistochemistry-Paraffin: SETD5 Antibody [NBP2-38257] - Staining of human skin shows moderate nuclear positivity in squamous epithelial cells.



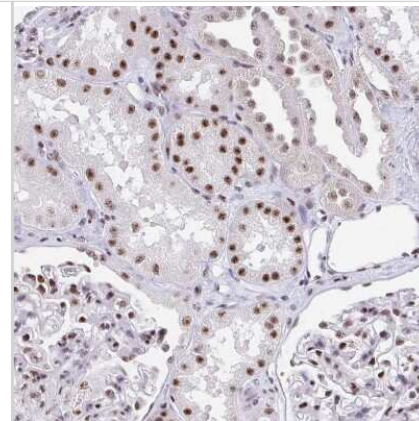
Immunohistochemistry-Paraffin: SETD5 Antibody [NBP2-38257] - Staining of human cerebral cortex shows moderate nuclear positivity in neurons.



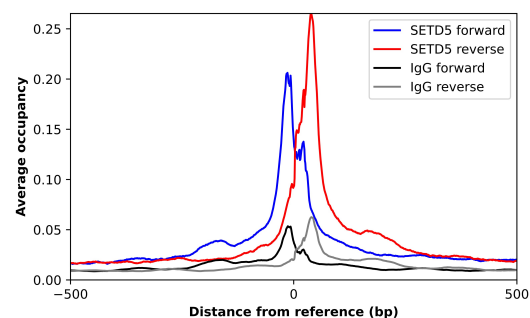
Immunohistochemistry-Paraffin: SETD5 Antibody [NBP2-38257] - Staining of human endometrium shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: SETD5 Antibody [NBP2-38257] - Staining of human kidney shows moderate nuclear positivity in cells in tubules.



ChIP-Exo-Seq composite graph for Anti-SETD5 (NBP2-38257) 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

Yang Z, Zhang C, Liu X et al. SETD5 Regulates Glycolysis in Breast Cancer Stem-Like Cells and Fuels Tumor Growth The American journal of pathology 2022-01-19 [PMID: 35063407]

Yang Z, Zhang C, Che N et al. SET domain-containing 5 (SETD5) facilitates tumor growth and pulmonary metastasis through up-regulation of AKT1 signaling in breast cancer The American Journal of Pathology 2020-10-01 [PMID: 33129761]



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Products Related to NBP2-38257

NBP2-38257PEP	SETD5 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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