

Product Datasheet

TET3 Antibody - BSA Free NBP2-13427

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: 1

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Updated 12/2/2025 v.20.1

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NBP2-13427

TET3 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

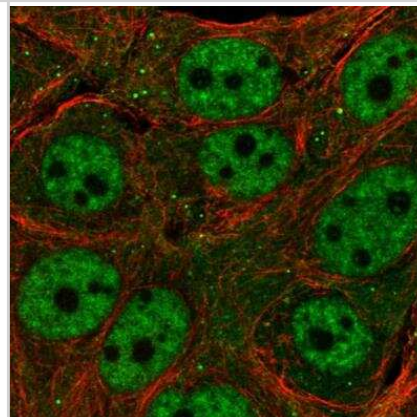
Product Description	
Description	Novus Biologicals Rabbit TET3 Antibody - BSA Free (NBP2-13427) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-TET3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	200424
Gene Symbol	TET3
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (88%)
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: SLKGGLSQQLKPSLKVEPQNHFSSFKYSGNAVVESYSVLGNCRPSDPYSMN SVYSYHSYYAQPSTSVNGFHASKYALPSFSYYGFSSNPVFPSQFLGPGAWG HSGSSGSFEKKPDLH

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

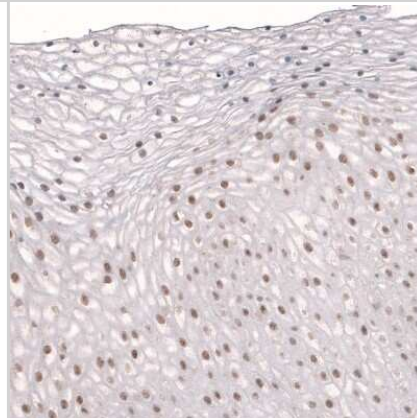


Images

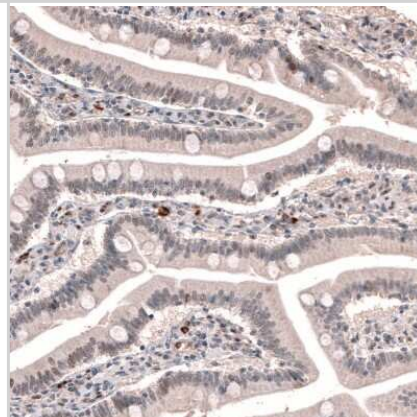
Immunocytochemistry/Immunofluorescence: TET3 Antibody [NBP2-13427] - Staining of human cell line MCF7 shows localization to nucleoplasm, cytosol & vesicles. Antibody staining is shown in green.



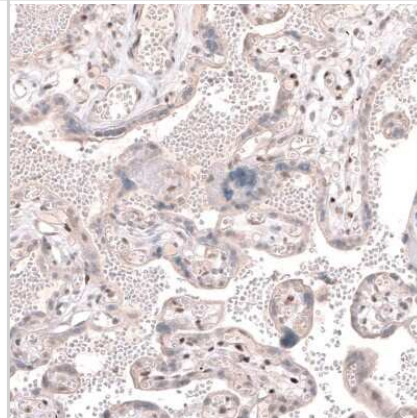
Immunohistochemistry-Paraffin: TET3 Antibody [NBP2-13427] - Staining of human uterine cervix shows moderate nuclear positivity in squamous epithelial cells.



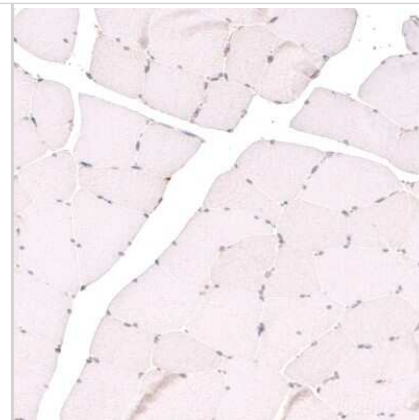
Immunohistochemistry-Paraffin: TET3 Antibody [NBP2-13427] - Staining of human duodenum shows weak nuclear positivity in a subset of glandular cells.



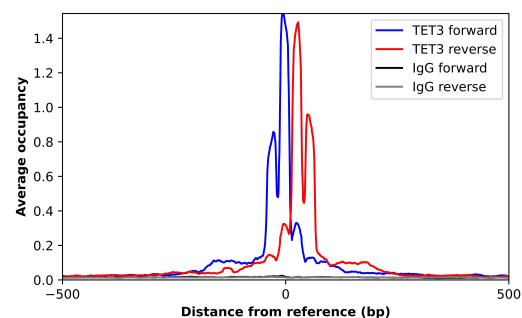
Immunohistochemistry-Paraffin: TET3 Antibody [NBP2-13427] - Staining of human placenta shows moderate nuclear positivity in a subset of cells in chorionic villi.



Immunohistochemistry-Paraffin: TET3 Antibody [NBP2-13427] - Staining of human skeletal muscle shows no positivity in striated muscle fibers as expected.



ChIP-Exo-Seq composite graph for Anti-TET3 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

Ni K, Dansranjavin T, Rogenhofer N et al. TET enzymes are successively expressed during human spermatogenesis and their expression level is pivotal for male fertility. Hum Reprod 2016-07-01 [PMID: 27141042]



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Products Related to NBP2-13427

NBP2-13427PEP	TET3 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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