

# 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 2/23/2025 v.20.1

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**NBP2-13427**

TET3 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

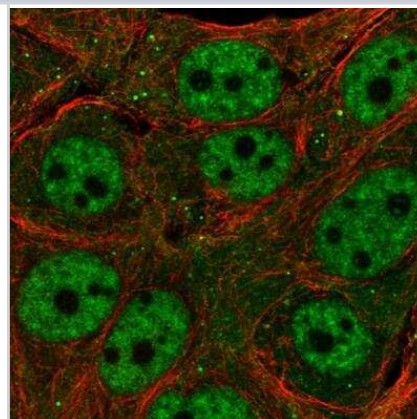
<b>Host</b>	Rabbit
<b>Gene ID</b>	200424
<b>Gene Symbol</b>	TET3
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (88%)
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to the amino acids: SLKGGLSQGLKPSLKVEPQNHFFSSFKYSGNAVVESYSVLGNCRPSDPYSMN SVYSYHSYYAQPSLTSVNGFHSKYALPSFSYYGFPSSNPVFPSQFLGPGAWG HSGSSGSFEKKPDLH

**Product Application Details**

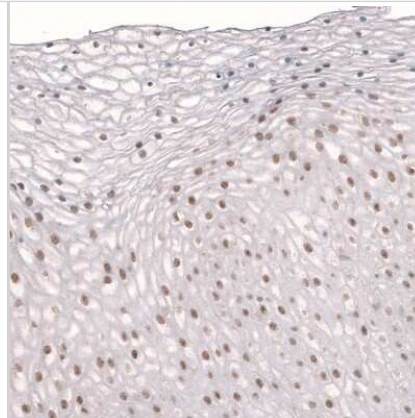
<b>Applications</b>	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For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

**Images**

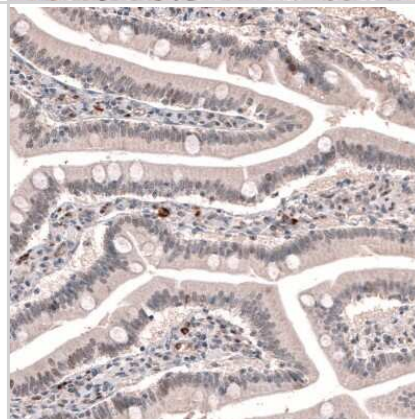
Immunocytochemistry/Immunofluorescence: TET3 Antibody [NBP2-13427] - Staining of human cell line MCF7 shows localization to nucleoplasm, cytosol & vesicles. Antibody staining is shown in green.



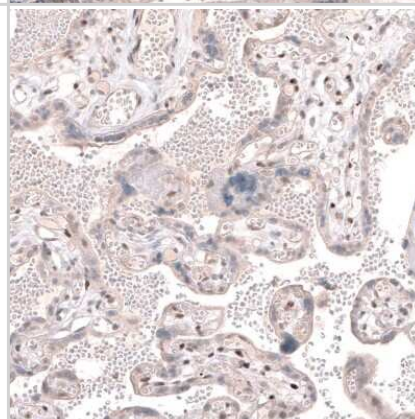
Immunohistochemistry-Paraffin: TET3 Antibody [NBP2-13427] - Staining of human uterine cervix shows moderate nuclear positivity in squamous epithelial cells.



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.



## Publications

Ni K, Dansranjav 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**

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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

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### **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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