

Product Datasheet

TET2 Antibody - BSA Free NBP2-32104

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

www.novusbio.com



technical@novusbio.com

Reviews: 1 Publications: 6

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-32104

Updated 2/23/2025 v.20.1

**Earn rewards for product
reviews and publications.**

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-32104



NBP2-32104

TET2 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

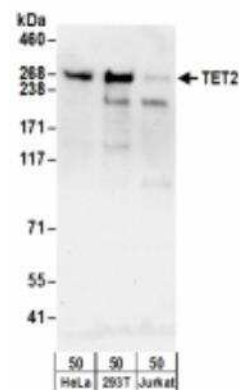
Product Description	
Host	Rabbit
Gene ID	54790
Gene Symbol	TET2
Species	Human, Rat
Reactivity Notes	Use in Rat reported in scientific literature (PMID:34874218) .
Immunogen	The immunogen this antibody was made to, maps to a region between residue 100 and 150 of human Tet Oncogene Family Member 2 using the numbering given in entry NP_001120680.1 (GeneID 54790).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000 - 1:10000, Immunohistochemistry, Immunoprecipitation 2 - 10 ug/mg lysate, Immunohistochemistry-Paraffin 1:1000 - 1:5000
Application Notes	Epitope retrieval with Tris-EDTA pH9.0 is recommended for FFPE tissue sections

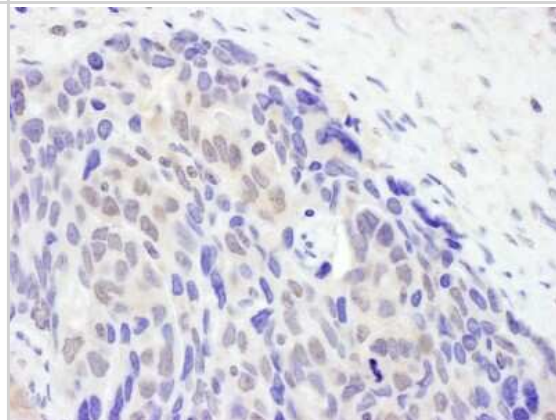


Images

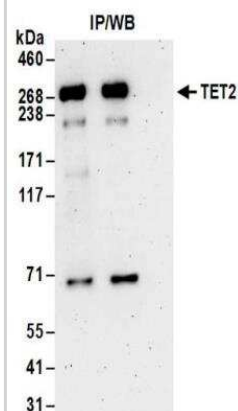
Western Blot: TET2 Antibody [NBP2-32104] - Whole cell lysate (50 ug) from HeLa, 293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-TET2 antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Immunohistochemistry-Paraffin: TET2 Antibody [NBP2-32104] - Human ovarian carcinoma. Antibody: Affinity purified rabbit anti-TET2 used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB



Western Blot: TET2 Antibody [NBP2-32104] - Whole cell lysate (1 mg for IP; 20% of IP loaded) from 293T cells. Antibodies: Affinity purified rabbit anti-TET2 antibody NBP2-32104 used for IP at 6 ug/mg lysate. TET2 was also immunoprecipitated by rabbit anti-TET2 antibody BL16766. For blotting immunoprecipitated TET2, NBP2-32104 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Publications

Kon T, Sasaki Y, Abe Y et al. Modulation of AMPK/ TET2/ 5-hmC axis in response to metabolic alterations as a novel pathway for obesity-related colorectal cancer development *Scientific reports* 2023-02-17 [PMID: 36806702] (WB)

Jia M, Li Z, Pan M et al. LINC-PINT suppresses aggressiveness of thyroid cancer by downregulating miR-767-5p to induce TET2 expression *Mol Ther Nucleic Acids* 2020-11-24 [PMID: 33230437]

Arguello AE, Li A, Sun X et al. Reactivity-dependent profiling of RNA 5-methylcytidine dioxygenases *Nature communications* 2022-07-19 [PMID: 35853884] (WB, Human)

Liu X, Cui H The palliative effects of folic acid on retinal microvessels in diabetic retinopathy via regulating the metabolism of DNA methylation and hydroxymethylation *Bioengineered* 2021-12-01 [PMID: 34874218] (Chemotaxis, Rat)

Tucker DW, Getchell CR, McCarthy ET et al. Epigenetic Reprogramming Strategies to Reverse Global Loss of 5-Hydroxymethylcytosine, a Prognostic Factor for Poor Survival in High-grade Serous Ovarian Cancer *Clin. Cancer Res.* 2018-03-15 [PMID: 29263182] (WB, Human)

Fischer AP, Miles SL. Silencing HIF-1alpha induces TET2 expression and augments ascorbic acid induced 5-hydroxymethylation of DNA in human metastatic melanoma cells. *Biochem. Biophys. Res. Commun.* 2017-06-08 [PMID: 28601635] (WB, Human)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-32104

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-27465PEP	TET2 Antibody Blocking Peptide

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-32104

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

