

TET1 antibody

Catalog No: #38243



Package Size: #38243-1 50ul #38243-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

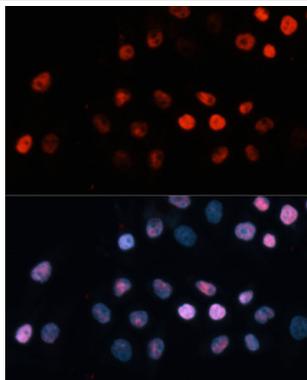
Description

Product Name	TET1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total TET1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TET1.
Target Name	TET1
Other Names	LCX; CXXC6; bA119F7.1;TET1
Accession No.	Swiss-Prot#: Q8NFM7NCBI Gene ID: 80312
SDS-PAGE MW	235kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

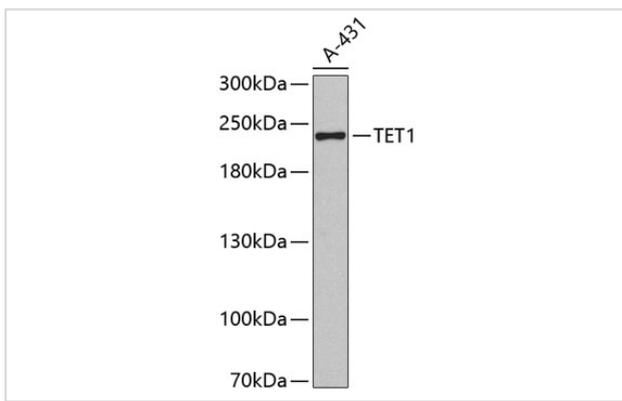
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

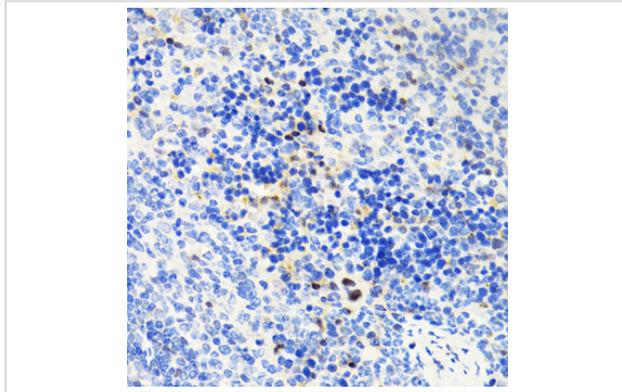
Images



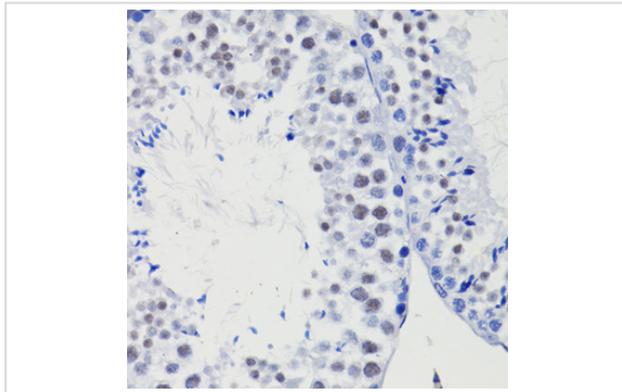
Immunofluorescence analysis of HeLa cells using TET1 Polyclonal antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of A-431 cells, using TET1 antibody.



Immunohistochemistry of paraffin-embedded mouse spleen using TET1 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse testis using TET1 antibody at dilution of 1:100 (40x lens).

Background

TET1 (tet oncogene 1), also known as LCX or CXXC6, is a 2,136 amino acid protein that localizes to the nucleus and contains one CXXC-type zinc finger. Expressed in adult ovary, thymus and skeletal muscle and also present in fetal lung, heart and brain, TET1 is thought to play a role in the development of fetal organs and may also be involvement in the pathogenesis and metastasis of acute myeloid leukemia (AML). The gene encoding TET1 maps to human chromosome 10, which houses over 1,200 genes and comprises nearly 4.5% of the human genome. Defects in some of the genes that map to chromosome 10 are associated with Charcot-Marie Tooth disease, Jackson-Weiss syndrome, Usher syndrome, nonsyndromic deafness, Wolman-B's syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria.

Published Papers

el et al., Validated Impacts of N6-Methyladenosine Methylated mRNAs on Apoptosis and Angiogenesis in Myocardial Infarction Based on MeRIP-Seq Analysis. In Front Mol Biosci on 2022 Jan 28 by Yingjie Zhang, Wenjie Hua, et al.. PMID:35155564, , (2022)

PMID:35155564

Note: This product is for in vitro research use only and is not intended for use in humans or animals.