Product Datasheet

TET1 antibody

Catalog No: #38243

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

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

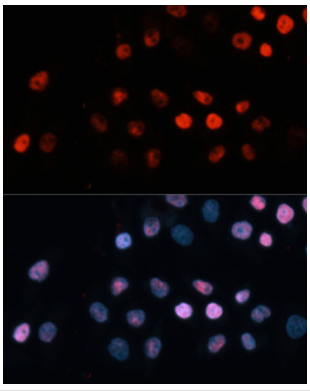
Description

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#: Q8NFU7NCBI Gene ID: 80312
Uniprot	Q8NFU7
GeneID	80312;
SDS-PAGE MW	235kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

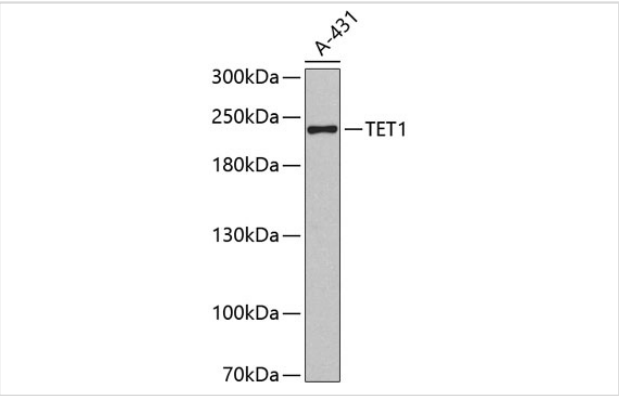
Application Details

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

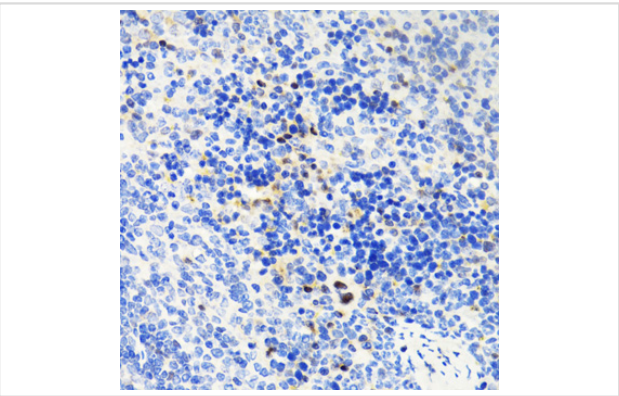
Images



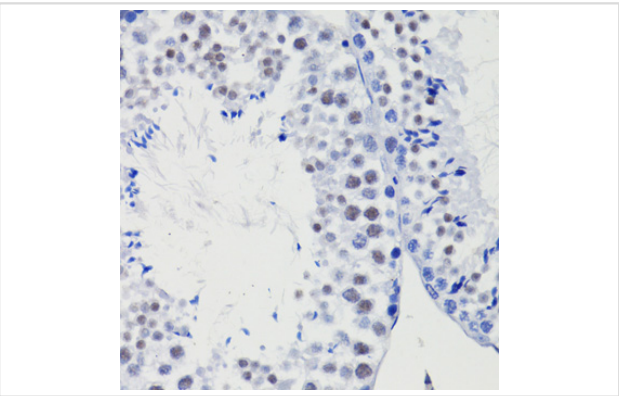
Immunofluorescence analysis of HeLa cells using TET1 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



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



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



Immunohistochemistry of paraffin-embedded mouse testis using TET1 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 pathoegenesis 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, nonsyndromatic deafness, WolmanB'B—s syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria.

Note: This product is for in vitro research use only