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Rabbit Anti-TET1 antibody

SL8523R

Product Name:	TET1
Chinese Name:	Ten-eleven转运基因1蛋白抗体
Alias:	Leukemia associated protein with a CXXC domain; CXXC 6; CXXC finger 6; CXXC type zinc finger protein 6; CXXC-type zinc finger protein 6; CXXC6; KIAA1676; LCX; Leukemia-associated protein with a CXXC domain; Methylcytosine dioxygenase TET1; Ten eleven translocation 1 gene protein; Ten eleven translocation 1 gene protein homolog; Ten-eleven translocation 1 gene protein; Tet 1; Tet oncogene 1; TET1; TET1_HUMAN; TET1/CXXC6.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	235kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TET1:1501-1680/2136
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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, Wolman's syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria.

Subunit:
Interacts with SIN3A; recruits the transcriptional co-repressor SIN3A to gene promoters.

Subcellular Location:
Nucleus.

Tissue Specificity:
Expressed in fetal heart, lung and brain, and in adult skeletal muscle, thymus and ovary.

Similarity:
Belongs to the TET family.
Contains 1 CXXC-type zinc finger.

SWISS:
Q8NFU7

Gene ID:
80312

Database links:

Entrez Gene: 80312Human

Entrez Gene: 52463Mouse

Entrez Gene: 309902Rat

Omim: 607790Human

SwissProt: Q8NFU7Human

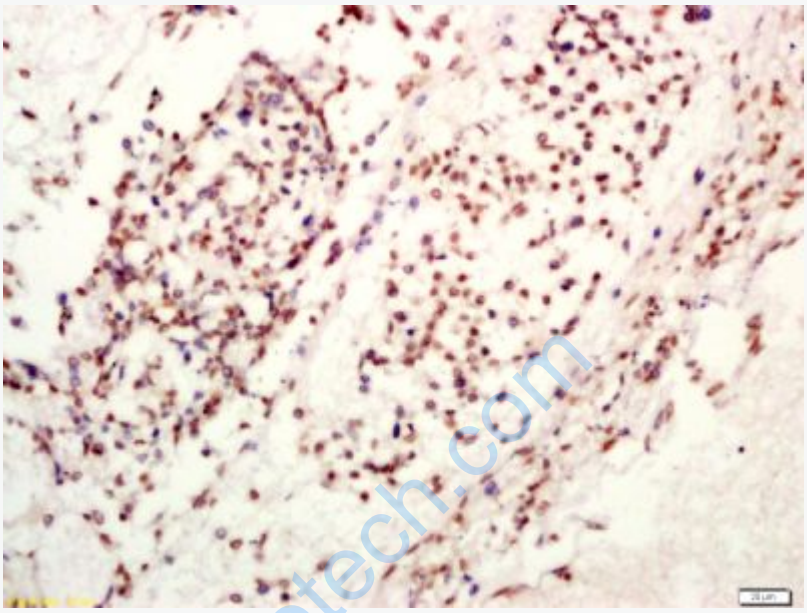
SwissProt: Q3URK3Mouse

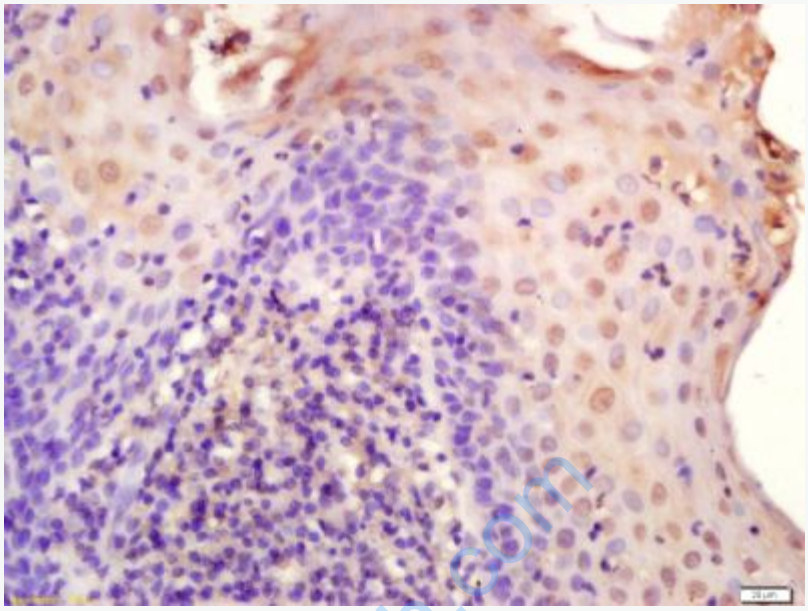
Unigene: 567594Human

Unigene: 708977Human

Unigene: 17774Mouse

Important Note:

	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Picture:	 Tissue/cell: mouse embryo tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min; Incubation: Anti-TET1 Polyclonal Antibody, Unconjugated(SL8523R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human laryngocarcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;

Incubation: Anti-TET1 Polyclonal Antibody, Unconjugated(SL8523R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining