

Rabbit TET1 Polyclonal Antibody | anti-TET1 antibody

TET1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40486	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

TET1; Polyclonal Antibody; TET1 Antibody; LCX; CXXC6; bA119F7.1; KIAA1676; Methylcytosine dioxygenase TET1; CXXC-type zinc finger protein 6; tet methylcytosine dioxygenase 1; anti-TET1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TET1 antibody is human, mouse and rat reactive. This antibody is predicted to not cross-react with TET2 and TET3.
Purity/Purification	TET1 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	2136
Applicable Applications for anti-TET1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TET1 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human TET1.
Buffer	TET1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TET1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



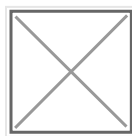
IF (Immunofluorescence)

Immunofluorescence of TET1 in mouse brain tissue with TET1 antibody at 20 µg/mL. Red: TET1 Antibody (7733) Blue: DAPI staining



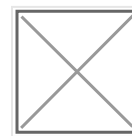
IHC (Immunohistochemistry)

Immunocytochemistry of TET1 in mouse brain tissue with TET1 antibody at 5 µg/mL.



IF (Immunofluorescence)

Immunofluorescence of TET1 in human brain tissue with TET1 antibody at 20 µg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of TET1 in human brain tissue with TET1 antibody at 5 µg/mL.



WB (Western Blot)

Western blot analysis of TET1 in rat brain tissue lysate with TET1 antibody at (A) 1 and (B) 2 μg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-TET1 antibody	TET1, a member of the ten-eleven-translocation (TET) family of genes, was initially discovered as a fusion partner of MLL in acute myeloid leukemias containing the t(10;11)(q22;q23) (1). It is a methylcytosine dioxygenase that catalyzes the conversion of methylcytosine to 5-hydroxymethylcytosine (2). TET1 expression is regulated during inflammation in both THP-1 and primary dendritic cells, and is a negative transcriptional regulator of IL-1beta following and inflammatory stimulus (3). Recent evidence has shown that TET1 is part of a signaling pathway that regulates breast cancer growth and metastasis (4).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	156139122
NCBI GeneID	80312
NCBI Accession #	NP_085128
NCBI GenBank Nucleotide #	NM_030625.2
UniProt Accession #	Q8NFU7; Q5VUP7; Q7Z6B6; Q8TCR1; Q9C0I7
Molecular Weight	Predicted: 235 kDa Observed: 240 kDa
NCBI Official Full Name	methylcytosine dioxygenase TET1
NCBI Official Synonym Full Names	tet methylcytosine dioxygenase 1
NCBI Official Symbol	TET1
NCBI Official Synonym Symbols	LCX; CXXC6; bA119F7.1
NCBI Protein Information	methylcytosine dioxygenase TET1; CXXC finger 6; tet oncogene 1; CXXC zinc finger 6; TET1 splice variant VP_DE4; ten-eleven translocation-1; TET1 splice variant VP_DE456; CXXC-type zinc finger protein 6; ten-eleven translocation 1 gene protein; leukemia-associated protein with a CXXC domain
UniProt Protein Name	Methylcytosine dioxygenase TET1
UniProt Gene Name	TET1
UniProt Synonym Gene Names	CXXC6; KIAA1676; LCX
UniProt Entry Name	TET1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tet1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40486>