

Rabbit TET3 Polyclonal Antibody | anti-TET3 antibody

TET3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10939	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

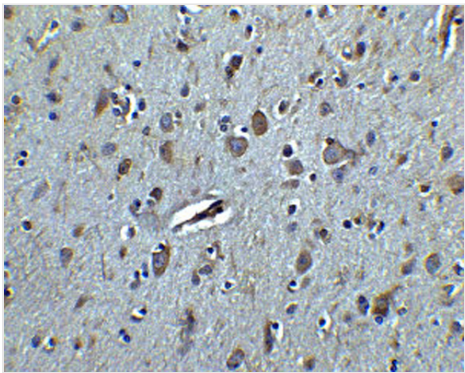
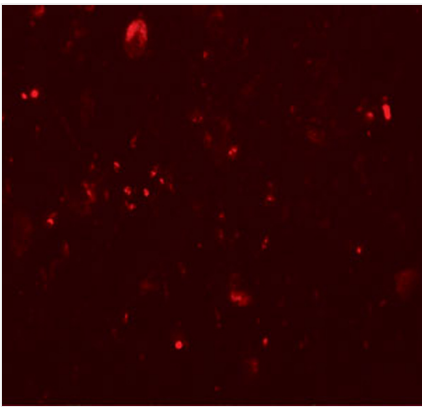
PRODUCT SYNONYMS

TET3; Polyclonal Antibody; TET3 Antibody; hCG_40738; KIAA0401; Methylcytosine dioxygenase TET3; TET methylcytosine dioxygenase 3; anti-TET3 antibody

PRODUCT SPECIFICATIONS

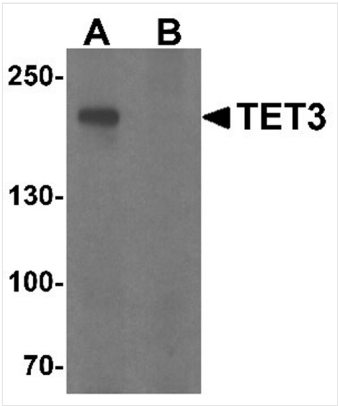
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least three isoforms of TET3 are known to exist. TET3 antibody is predicted to not cross react with other TET proteins.
Purity/Purification	TET3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Applicable Applications for anti-TET3 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	TET3 antibody can be used for detection of TET3 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application to be determined by the researcher.
Conjugate	Unconjugated
Immunogen	TET3 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human TET3.
Preparation and Storage	TET3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of TET3 in human brain tissue with TET3 antibody at 20 μg/mL.

IHC (Immunohistochemistry)
Immunohistochemistry of TET3 in human brain tissue with TET3 antibody at 2.5 μg/mL.



WB (Western Blot)
Western blot analysis of TET3 in SK-N-SH cell lysate with TET3 antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-TET3 antibody	TET3 Antibody: TET3, a member of the ten-eleven-translocation (TET) family of genes, is a methylcytosine dioxygenase that catalyzes the conversion of methylcytosine to 5-hydroxymethylcytosine and is most abundantly expressed in hematopoietic cells. Unlike the related TET2 protein, mutations in TET3 have not been observed in any myeloid malignancies. TET3 has been shown to be involved in the demethylation of zygotic DNA before the first mitosis and has been suggested to be involved in the epigenetic reprogramming of the zygotic paternal DNA following natural fertilization and may also contribute to somatic cell nuclear reprogramming during animal cloning.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	149944516
NCBI GeneID	200424
NCBI Accession #	NP_001274420
NCBI GenBank Nucleotide #	NM_144993.1
UniProt Accession #	O43151; Q86Z24; Q8TBM9; A6NEI3
NCBI Official Synonym Full Names	tet methylcytosine dioxygenase 3
NCBI Official Symbol	TET3
NCBI Official Synonym Symbols	hCG_40738
NCBI Protein Information	methylcytosine dioxygenase TET3

UniProt Protein Name	Methylcytosine dioxygenase TET3
UniProt Gene Name	TET3
UniProt Synonym Gene Names	KIAA0401
UniProt Entry Name	TET3_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://www.aaabiotech.com/polyclonal/tet3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/10939>