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Datasheet for ABIN6991743 **anti-TET3 antibody (C-Term)**

Overview

Quantity:	0.1 mg
Target:	TET3
Binding Specificity:	AA 1520-1570, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TET3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	TET3 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human TET3. The immunogen is located within amino acids 1520 - 1570 of TET3.
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.
Purification:	TET3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TET3
Alternative Name:	TET3 (TET3 Products)

Target Details

Background:	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.
Molecular Weight:	183 kDa
Gene ID:	200424
NCBI Accession:	NP_001274420
UniProt:	O43151
Pathways:	Warburg Effect

Application Details

Application Notes:	<p>TET3 antibody can be used for detection of TET3 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL.</p> <p>Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	TET3 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C

Handling

Storage Comment: TET3 antibody can be stored at 4°C for three months and -20°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.