

A21914

Leader in Biomolecular Solutions for Life Science



TET1 Rabbit mAb

Catalog No.: A21914 **Recombinant**

Basic Information

Observed MW

260kDa

Calculated MW

219kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human,Mouse

CloneNo number

ARC51468

Background

Enables methylcytosine dioxygenase activity. Involved in several processes, including dendrite morphogenesis; inner cell mass cell differentiation; and protein O-linked glycosylation. Acts upstream of or within DNA demethylation; regulation of DNA methylation; and regulation of genetic imprinting. Located in nucleus. Is expressed in several structures, including brain; early conceptus; embryo ectoderm; lower urogenital tract; and reproductive system. Orthologous to human TET1 (tet methylcytosine dioxygenase 1).

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:500 - 1:1000

Immunogen Information

Gene ID

52463

Swiss Prot

Q3URK3

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1749-1902 of mouse TET1 (NP_001240786.1).

Synonyms

LCX; Cxxc6; mKIAA1676; D10Ertd17e; 2510010B09Rik; TET1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

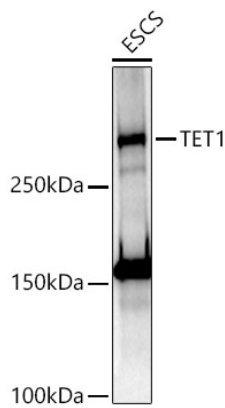
Affinity purification

Storage

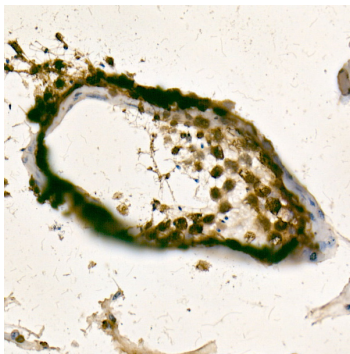
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

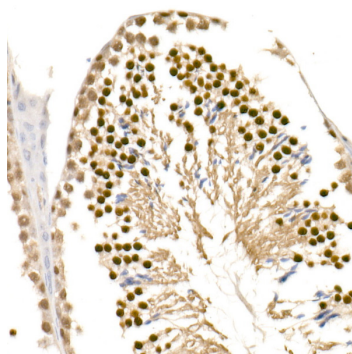
Validation Data



Western blot analysis of extracts of ESCS cells, using TET1 antibody (A21914) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded human testis using TET1 Rabbit mAb (A21914) at dilution of 1:1000 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse testis using TET1 Rabbit mAb (A21914) at dilution of 1:1000 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.