A21914

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TET1 Rabbit mAb

Catalog No.: A21914 Recombinant 2 Publications

Basic Information

Observed MW
260kDa

Calculated MW
219kDa

Category
SMab Recombinant Monoclonal Antibody

Applications
WB,IHC-P,ELISA

Cross-Reactivity
Human,Mouse

Clone 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
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
52463

Swiss Prot
Q3URK3

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

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

Contact

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Product Information

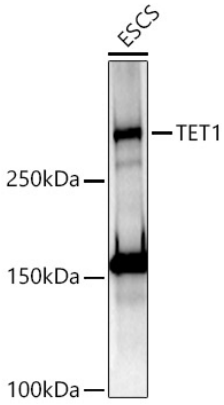
Source
Rabbit

Isotype
IgG

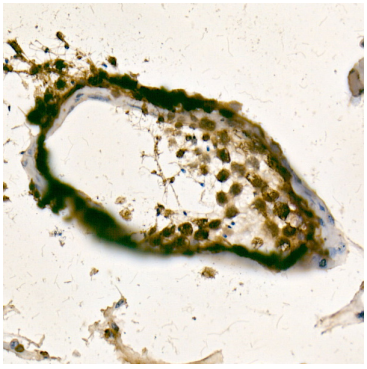
Purification
Affinity purification

Storage
Store at -20℃

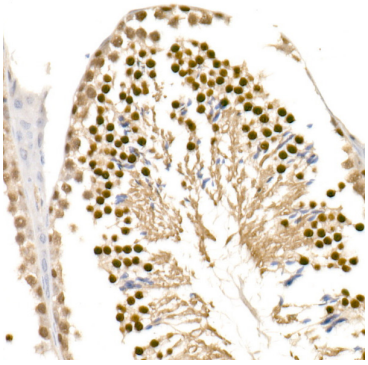
Validation Data



Western blot analysis of lysates from ESCS cells using TET1 Rabbit mAb (A21914) at1:1000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at1:10000 dilution.
Lysates/proteins: 25µg 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 a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse testis using TET1 Rabbit mAb (A21914) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.