A20365

Leader in Biomolecular Solutions for Life Science

www.abclonal.com

TET2 Rabbit pAb

Catalog No.: A20365 2 Publications

Basic Information

Observed MW
280kDa

Calculated MW
212kDa

Category
Polyclonal Antibody

Applications
WB,IF/ICC,ELISA

Cross-Reactivity
Human,Mouse,Rat

Background

Enables methylcytosine dioxygenase activity. Involved in cellular protein modification process; myeloid cell differentiation; and positive regulation of transcription by RNA polymerase II. Acts upstream of or within several processes, including DNA demethylation; animal organ development; and hematopoietic stem cell homeostasis. Predicted to be located in nucleoplasm. Predicted to be active in nucleus. Is expressed in several structures, including brain; extraembryonic component; lower urogenital tract; reproductive system; and urethra epithelium. Human ortholog(s) of this gene implicated in gastrointestinal system cancer (multiple); hematologic cancer (multiple); lung non-small cell carcinoma; and primary immunodeficiency disease. Orthologous to human TET2 (tet methylcytosine dioxygenase 2).

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
214133

Swiss Prot
Q4JK59

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

Synonyms
Ayu17-449; mKIAA1546; E130014J05Rik; TET2

Contact

www.abclonal.com

Product Information

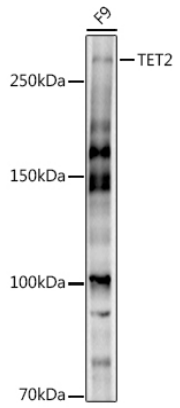
Source
Rabbit

Isotype
IgG

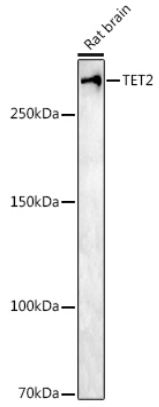
Purification
Affinity purification

Storage
Store at -20℃

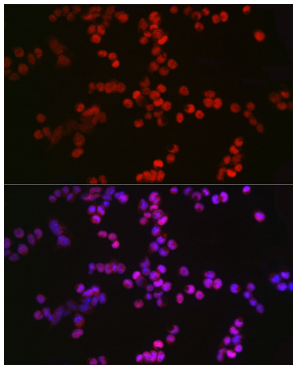
Validation Data



Western blot analysis of lysates from F9 cells, using TET2 Rabbit pAb (A20365) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.



Western blot analysis of lysates from Rat brain, using TET2 Rabbit pAb (A20365) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 180s.



Immunofluorescence analysis of F9 cells using TET2 Rabbit pAb (A20365) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit https://abclonal.com for a complete listing of recommended products.