

# TET3 Rabbit mAb

Catalog No.: A21930 **Recombinant**

## Basic Information

### Observed MW

230kDa/

### Calculated MW

195kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

Mouse

### CloneNo number

ARC52663

## Background

Enables methylcytosine dioxygenase activity. Involved in DNA demethylation of male pronucleus. Acts upstream of or within DNA demethylation. Located in cytoplasm; female pronucleus; and male pronucleus. Is expressed in several structures, including central nervous system; early conceptus; future brain; and genitourinary system. Orthologous to human TET3 (tet methylcytosine dioxygenase 3).

## Recommended Dilutions

**WB** 1:2000 - 1:20000

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

## Immunogen Information

### Gene ID

194388

### Swiss Prot

Q8BG87

### Immunogen

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

### Synonyms

B430006D22Rik; D230004J03Rik; TET3

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

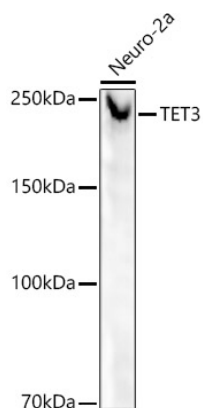
Affinity purification

### Storage

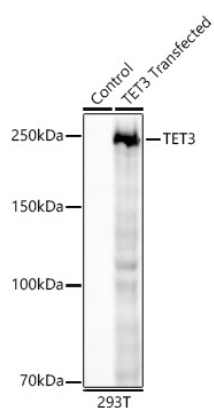
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Western blot analysis of lysates from Neuro-2a cells, using TET3 Rabbit mAb (A21930) at 1:20000 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: 90s.



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with TET3 using TET3 Rabbit mAb (A21930) at 1:20000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) 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: 30 s.