

Tet1 (C-term) polyclonal antibody

Catalog: BZ12161

Host: Rabbit

Reactivity: Mouse

BackGround:

Dioxygenase that catalyzes the conversion of the modified genomic base 5-methylcytosine (5mC) into 5-hydroxymethylcytosine (5hmC) and plays a key role in active DNA demethylation. Also mediates subsequent conversion of 5hmC into 5-formylcytosine (5fC), and conversion of 5fC to 5-carboxylcytosine (5caC). Conversion of 5mC into 5hmC, 5fC and 5caC probably constitutes the first step in cytosine demethylation. Methylation at the C5 position of cytosine bases is an epigenetic modification of the mammalian genome which plays an important role in transcriptional regulation.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 219 kDa

Swiss-Prot:

Q3URK3

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:2000

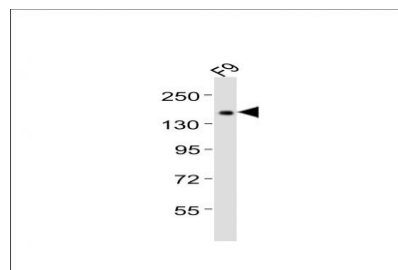
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Tet1 (C-term) polyclonal antibody detects endogenous levels of Tet1 protein.

DATA:



Anti-Tet1 Antibody (C-term) at 1:2000 dilution + F9 whole cell lysates

Lysates/proteins at 20 µg per lane.

Note:

For research use only, not for use in diagnostic procedure.

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