

Product datasheet

Anti-TET3 antibody ab153724

★☆☆☆☆ [1 Abreviews](#) [3 References](#) [3 Images](#)

Overview

Product name	Anti-TET3 antibody
Description	Rabbit polyclonal to TET3
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IP, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment, corresponding to a region within amino acids 1456-1660 of Human TET3 (Uniprot ID: O43151).

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab153724 in the following tested applications.

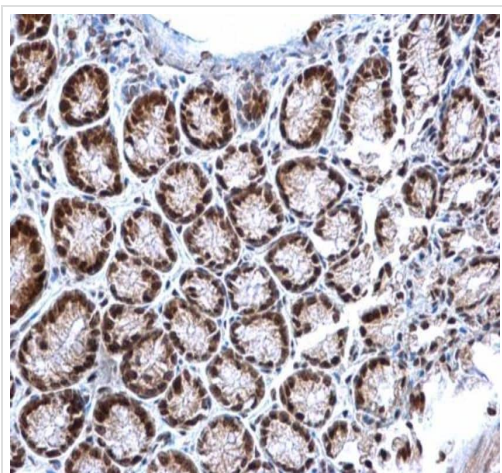
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		1/100 - 1/1000.
IP		1/500 - 1/1000.
IHC-P		1/100 - 1/1000.

Target

Function	Catalyzes the conversion of methylcytosine (5mC) to 5-hydroxymethylcytosine (hmC).
Tissue specificity	Expressed in colon, muscle, adrenal gland and peripheral blood lymphocytes.
Sequence similarities	Belongs to the TET family.
Developmental stage	Expressed in fetal brain but not adult brain.

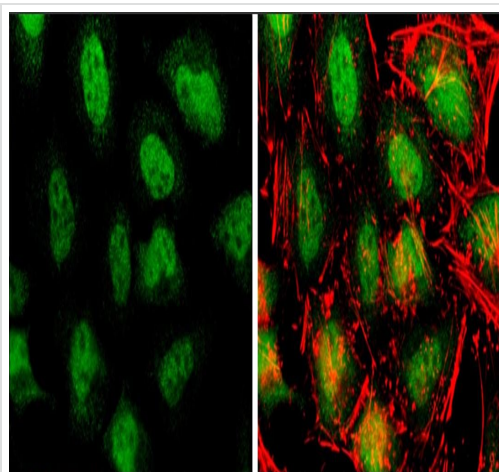
Images



Immunohistochemical analysis of paraffin-embedded mouse colon tissue staining TET3 protein at nucleus with ab153724 at 1/500 dilution.

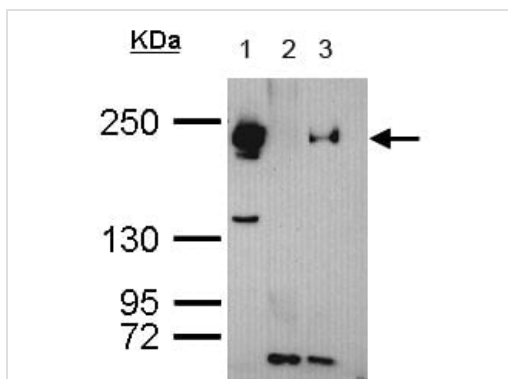
Antigen Retrieval: EDTA based buffer, 15min.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TET3 antibody - C-terminal (ab153724)



Immunocytochemistry/ Immunofluorescence - Anti-TET3 antibody - C-terminal (ab153724)

Immunofluorescence analysis of 4% paraformaldehyde-fixed (RT for 15 min) HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate labeling TET3 protein at cytoplasm and nucleus (green) with ab153724 at 1/400 dilution. Red: phalloidin, a cytoskeleton marker, at 1/50 dilution.



Immunoprecipitation - Anti-TET3 antibody - C-terminal (ab153724)

Immunoprecipitation of TET3-transfected HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) cells.

IP Sample:

Lane 1: Transfected HEK-293T cell lysate.

Lane 2: Control with 2 µg of preimmune rabbit IgG

Lane 3: Immunoprecipitate of TET3-transfected HEK-293T cells using ab153724 at 2 µg.

5% SDS-PAGE

Detection using ab153724 at 1/1000 dilution, followed by anti-rabbit IgG antibody.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery

- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors