

## Product datasheet

# Anti-TDIF2 antibody ab126481

3 Images

### Overview

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<b>Product name</b>	Anti-TDIF2 antibody
<b>Description</b>	Rabbit polyclonal to TDIF2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	antigen sequence: PSQESHTEAI SDAETSSSDI SFSGIATRRT RSMQRKLKAQ TEKKDSKMP GNEKQIVGTP VNSESDSTRQ TSHLQARSL S EINKPNFYNN DFDDDFSHR, corresponding to amino acids 174-272 of Human TDIF2. <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	WB: Control and probe#1 siRNA transfected U-2OS whole cell lyastes; IHC-P: Human testis tissue; ICC: A431 whole cells.
<b>General notes</b>	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>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, as well as customer reviews and Q&amp;As.</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab126481** in the following tested applications.

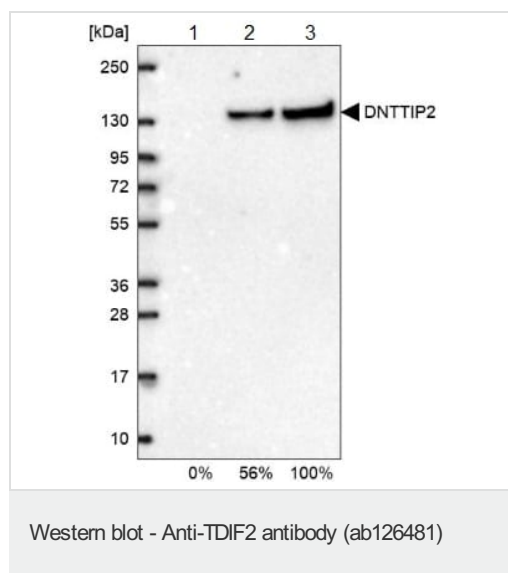
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.04 - 0.4 µg/ml. Predicted molecular weight: 85 kDa.
IHC-P		1/1000 - 1/2500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml. Fixation/Permeabilization: PFA/Triton X-100

## Target

**Relevance** Deoxynucleotidyltransferase terminal-interacting protein 2 (TDIF2) regulates the transcriptional activity of DNNT and ESR1 and may function as a chromatin remodeling protein.

## Images



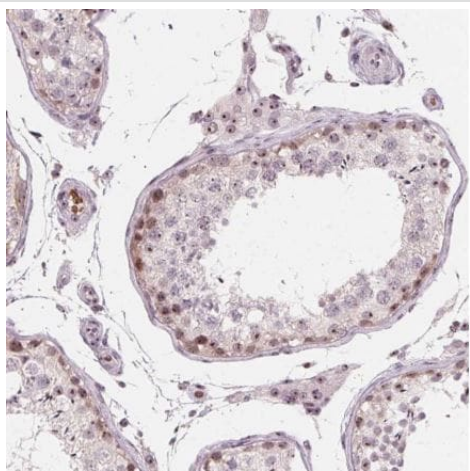
**All lanes** : Anti-TDIF2 antibody (ab126481) at 0.4 µg/ml

**Lane 1** : Target specific siRNA probe #1 transfected into U-2 OS (Human bone osteosarcoma epithelial cell line) whole cell lysate

**Lane 2** : Target specific siRNA probe #2 transfected into U-2 OS whole cell lysate

**Lane 3** : Control siRNA transfected into U-2 OS whole cell lysate

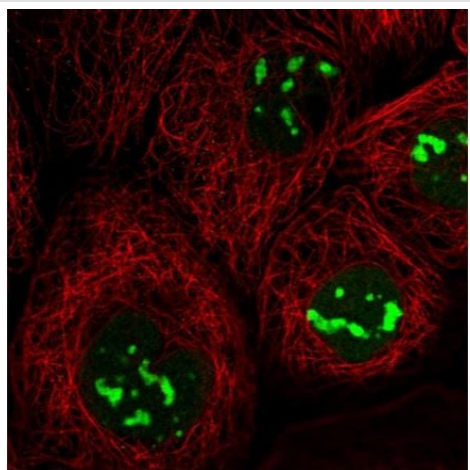
**Predicted band size:** 85 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TDIF2 antibody (ab126481)

Immunohistochemical analysis of human testis tissue labeling TDIF2 in the nucleoli of subset cells in seminiferous ducts and Leydig cells with ab126481 at a 1/1000 dilution.

Performed heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-TDIF2 antibody (ab126481)

Immunocytochemical analysis of A431 (Human epidermoid carcinoma cell line) whole cells labeling TDIF2 in the nucleoli with ab126481 at 4 µg/ml.

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

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