

## Product datasheet

# Anti-Tankyrase binding protein 1 antibody - N-terminal ab155498

[1 References](#) [3 Images](#)

### Overview

<b>Product name</b>	Anti-Tankyrase binding protein 1 antibody - N-terminal
<b>Description</b>	Rabbit polyclonal to Tankyrase binding protein 1 - N-terminal
<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>	Synthetic peptide, corresponding to a region within N terminal amino acids 1-44 of Human Tankyrase binding protein 1 (Uniprot ID: Q9C0C2).
<b>Positive control</b>	A431, H1299 whole cell lysate; A431 cells; Human brain cortex tissue
<b>General notes</b>	<p>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.</p> <p>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&amp;As</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)</p>
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab155498 in the following tested applications.

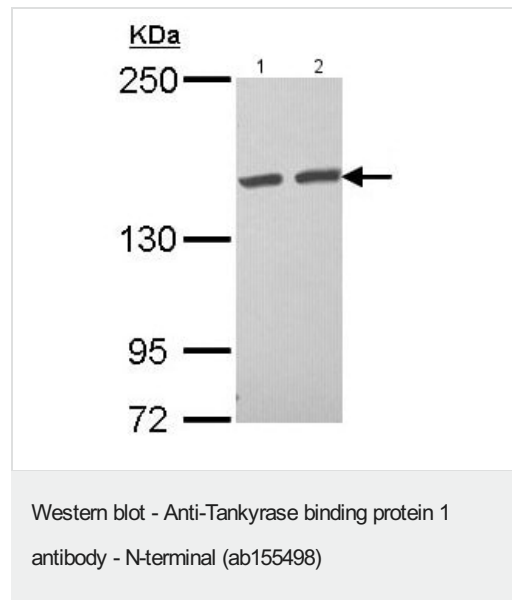
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 182 kDa.
IHC-P		1/100 - 1/1000. Suggested antigen retrieval using heat mediated 10mM Citrate buffer (pH6.0) or Tris-EDTA buffer (pH8.0)].
ICC/IF		1/100 - 1/1000.

## Target

<b>Tissue specificity</b>	Detected in testis, ovary, lung, skeletal muscle, heart, prostate and pancreas, and at very low levels in brain and peripheral blood leukocytes.
<b>Post-translational modifications</b>	ADP-ribosylated by TNKS1 (in vitro). Phosphorylated upon DNA damage, probably by ATM or ATR.
<b>Cellular localization</b>	Nucleus. Cytoplasm > cytoskeleton. Chromosome. Colocalizes with chromosomes during mitosis, and in the cytoplasm with cortical actin.

## Images



**All lanes :** Anti-Tankyrase binding protein 1 antibody - N-terminal (ab155498) at 1/1000 dilution

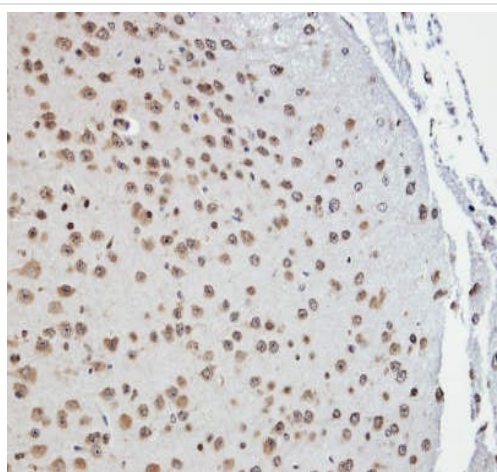
**Lane 1 :** A431 whole cell lysate

**Lane 2 :** H1299 whole cell lysate

Lysates/proteins at 30 µg per lane.

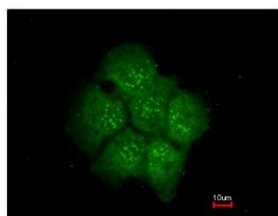
**Predicted band size:** 182 kDa

5% SDS PAGE

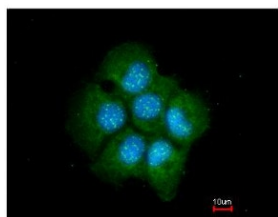


Immunohistochemical analysis of paraffin-embedded Human brain cortex tissue labeling Tankyrase binding protein 1 with ab155498 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tankyrase binding protein 1 antibody - N-terminal (ab155498)



Immunofluorescent analysis of methanol-fixed A431 cells labeling Tankyrase binding protein 1 with ab155498 at 1/200 dilution. Lower panel co-stained with Hoescht 33342.



Immunocytochemistry/ Immunofluorescence - Anti-Tankyrase binding protein 1 antibody - N-terminal (ab155498)

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

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