



[Go to Product page](#)

Datasheet for ABIN1385979

## anti-Tankyrase antibody (AA 1140-1171)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	Tankyrase
Binding Specificity:	AA 1140-1171
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tankyrase antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Tankyrase
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

#### Target Details

Target:	Tankyrase
Abstract:	<a href="#">Tankyrase Products</a>
Background:	Synonyms: TIN1, ARTD5, PARPL, TINF1, TNKS1, pART5, PARP5A, PARP-5a, Tankyrase-1,

## Target Details

---

TANK1, ADP-ribosyltransferase diphtheria toxin-like 5, Poly [ADP-ribose] polymerase 5A, TNKS-1, TRF1-interacting ankyrin-related ADP-ribose polymerase, Tankyrase I, TNKS

Background: Poly-ADP-ribosyltransferase involved in various processes such as Wnt signaling pathway, telomere length and vesicle trafficking. Acts as an activator of the Wnt signaling pathway by mediating poly-ADP-ribosylation (PARsylation) of AXIN1 and AXIN2, 2 key components of the beta-catenin destruction complex: poly-ADP-ribosylated target proteins are recognized by RNF146, which mediates their ubiquitination and subsequent degradation. Also mediates PARsylation of BLZF1 and CASC3, followed by recruitment of RNF146 and subsequent ubiquitination. Mediates PARsylation of TERF1, thereby contributing to the regulation of telomere length. Involved in centrosome maturation during prometaphase by mediating PARsylation of HEPACAM2/MIK1. May also regulate vesicle trafficking and modulate the subcellular distribution of SLC2A4/GLUT4-vesicles. May be involved in spindle pole assembly through PARsylation of NUMA1. Stimulates 26S proteasome activity.

---

Gene ID: 8658

---

UniProt: [O95271](#)

## Application Details

---

Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IF(IHC-P) 1:50-200

---

Restrictions: For Research Use only

## Handling

---

Format: Liquid

---

Concentration: 1 µg/µL

---

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

---

Preservative: ProClin

---

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

---

Storage: 4 °C,-20 °C

---

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

---

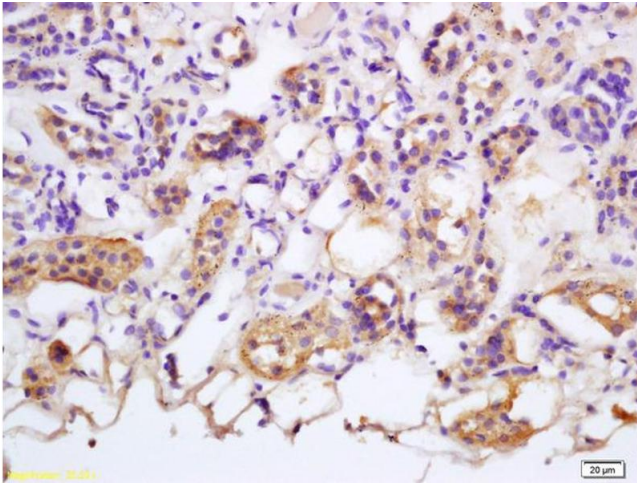
Handling

---

Expiry Date: 12 months

Images

---



#### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded human kidney labeled with Rabbit Anti Tankyrase Polyclonal Antibody, Unconjugated (ABIN1385979) at 1:200 followed by conjugation to the secondary antibody and DAB staining