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Datasheet for ABIN7171501

**anti-TNKS2 antibody (AA 1-246) (Biotin)**

## Overview

Quantity:	100 µg
Target:	TNKS2
Binding Specificity:	AA 1-246
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNKS2 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Tankyrase-2 protein (1-246AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	TNKS2
Alternative Name:	TNKS2 ( <a href="#">TNKS2 Products</a> )
Background:	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

## Target Details

pathway by mediating poly-ADP-ribosylation 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 poly-ADP-ribosylation of BLZF1 and CASC3, followed by recruitment of RNF146 and subsequent ubiquitination. Mediates poly-ADP-ribosylation of TERF1, thereby contributing to the regulation of telomere length. May also regulate vesicle trafficking and modulate the subcellular distribution of SLC2A4/GLUT4-vesicles. Stimulates 26S proteasome activity.

Aliases: ADP-ribosyltransferase diphtheria toxin-like 6 antibody, ARTD6 antibody, PARP 5b antibody, PARP 5c antibody, PARP-5b antibody, PARP-5c antibody, PARP5B antibody, PARP5C antibody, pART6 antibody, Poly [ADP ribose] polymerase 5B antibody, Poly [ADP-ribose] polymerase 5B antibody, TANK2 antibody, Tankyrase 2 antibody, Tankyrase II antibody, Tankyrase like protein antibody, Tankyrase related protein antibody, Tankyrase TRF1 interacting ankyrin related ADP ribose polymerase 2 antibody, Tankyrase-2 antibody, Tankyrase-like protein antibody, Tankyrase-related protein antibody, TNKL antibody, TNKS 2 antibody, TNKS-2 antibody, TNKS2 antibody, TNKS2\_HUMAN antibody, TRF1 Interacting Ankyrin Related ADP ribose polymerase 2 antibody, TRF1-interacting ankyrin-related ADP-ribose polymerase 2 antibody

UniProt: [Q9H2K2](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.