

[Go to Product page](#)

Datasheet for ABIN7171497

anti-TNKS antibody (AA 35-130) (Biotin)

Overview

Quantity:	100 µg
Target:	TNKS
Binding Specificity:	AA 35-130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNKS antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Tankyrase-1 protein (35-130AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	TNKS
Alternative Name:	TNKS (TNKS Products)
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 (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.

Aliases: ADP-ribosyltransferase diphtheria toxin-like 5 antibody, OTTHUMP00000115550 antibody, OTTHUMP00000224675 antibody, PARP 5a antibody, PARP5A antibody, PARPL antibody, pART5 antibody, Poly [ADP-ribose] polymerase 5A antibody, TANK 1 antibody, TANK1 antibody, Tankyrase 1 antibody, Tankyrase I antibody, Tankyrase TRF1 interacting ankyrin related ADP ribose polymerase antibody, Tankyrase-1 antibody, Tankyrase1 antibody, Tankyrasel antibody, TIN 1 antibody, TIN1 antibody, TINF 1 antibody, TINF1 antibody, TNKS 1 antibody, TNKS antibody, TNKS-1 antibody, TNKS1 antibody, TNKS1_HUMAN antibody, TRF1 interacting ankyrin related ADP ribose polymerase antibody, TRF1-interacting ankyrin-related ADP-ribose polymerase antibody

UniProt: [O95271](#)

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

Handling

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