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Datasheet for ABIN7452083

anti-TNKS1BP1 antibody (AA 350-400)

Overview

Quantity:	20 µg
Target:	TNKS1BP1
Binding Specificity:	AA 350-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNKS1BP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-TAB182 Antibody, Affinity Purified
Immunogen:	between AA 350 and 400
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	TNKS1BP1
Alternative Name:	TAB182 (TNKS1BP1 Products)
Background:	Background: TAB182 (tankyrase 1-binding protein of 182 kDa) was identified in a two-hybrid screen in search of tankyrase 1-interacting proteins. Tankyrase 1 is a poly (ADP-ribose)

Target Details

polymerase (PARP) that ribosylates the negative regulator of telomere length, TRF1 (telomere-repeat binding factor). Ribosylation of TRF1 has been shown to result in the inhibition of TRF1 binding and an induction of telomere elongation. TAB182 and TRF1 bind multiple discrete and overlapping sites of the tankyrase 1 ankyrin domain. This finding suggests that TAB182 may act as a scaffold to mediate higher order protein complex formation at telomeres. TAB182 has also been suggested to serve a role in the cytoplasm as it has been found to localize to the cytoplasmic cortical actin network.

Gene ID: 85456

NCBI Accession: [NP_203754](#)

UniProt: [Q9C0C2](#)

Application Details

Application Notes: IP: 2 - 5 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide

Preservative: Sodium azide

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

Storage: 4 °C

Expiry Date: 12 months