

Datasheet for ABIN7119824 **anti-TELO2 antibody**

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Overview

Quantity:	100 µg
Target:	TELO2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TELO2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	TEL2, telomere maintenance 2, homolog(S. cerevisiae)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	TELO2
Alternative Name:	TELO2 (TELO2 Products)
Background:	Synonyms:KIAA0683 Background:Regulator of the DNA damage response(DDR). Part of the TTT complex that is required to stabilize protein levels of the phosphatidylinositol 3-kinase-related protein kinase(PIKK) family proteins. The TTT complex is involved in the cellular resistance to DNA damage stresses, like ionizing radiation(IR), ultraviolet(UV) and mitomycin

Target Details

C(MMC). Together with the TTT complex and HSP90 may participate in the proper folding of newly synthesized PIKKs. Promotes assembly, stabilizes and maintains the activity of mTORC1 and mTORC2 complexes, which regulate cell growth and survival in response to nutrient and hormonal signals. May be involved in telomere length regulation.

Molecular Weight: 92 kDa

Gene ID: 9894

UniProt: [Q9Y4R8](#)

Application Details

Application Notes: WB: 1:500-1:2000, IP: 1:200-1:1000, IF: 1:20-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months