Datasheet for ABIN5515690

anti-RTEL1 antibody (C-Term)

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Overview

Quantity:	100 µL
Target:	RTEL1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RTEL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human RTEL1
Sequence:	QGRPHLSPRP PPTGDPGSQP QWGSGVPRAG KQGQHAVSAY LADARRALGS
Characteristics:	This is a rabbit polyclonal antibody against RTEL1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	RTEL1
Alternative Name:	RTEL1 (RTEL1 Products)
Background:	This gene encodes a DNA helicase which functions in the stability, protection and elongation of telomeres and interacts with proteins in the shelterin complex known to protect telomeres

Target Details

	during DNA replication. Mutations in this gene have been associated with dyskeratosis congenita and Hoyerall-Hreidarsson syndrome. Read-through transcription of this gene into the neighboring downstream gene, which encodes tumor necrosis factor receptor superfamily, member 6b, generates a non-coding transcript. Alternative splicing results in multiple transcript variants encoding different isoforms. Alias Symbols: RTEL1, C20orf41, KIAA1088, NHL, Protein Interaction Partner: FAM96B, CIAO1, RPA3, RPA2, RPA1, MMS19, UBC, CUL3, Protein Size: 996
Gene ID:	51750

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.