

Datasheet for ABIN1881738
anti-RECQL4 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	RECQL4
Binding Specificity:	AA 1134-1162, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RECQL4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This RECQL4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1134-1162 amino acids from the C-terminal region of human RECQL4.
Clone:	RB40513
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	RECQL4
Alternative Name:	RECQL4 (RECQL4 Products)
Background:	The protein encoded by this gene is a DNA helicase that belongs to the RecQ helicase family.

Target Details

DNA helicases unwind double-stranded DNA into single-stranded DNAs and may modulate chromosome segregation. This gene is predominantly expressed in thymus and testis. Mutations in this gene are associated with Rothmund-Thomson, RAPADILINO and Baller-Gerold syndromes. [provided by RefSeq].

Molecular Weight: 133067

NCBI Accession: [NP_004251](#)

UniProt: [O94761](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: WB: 1:2000. IHC-P: 1:100

Restrictions: For Research Use only

Handling

Format: Liquid

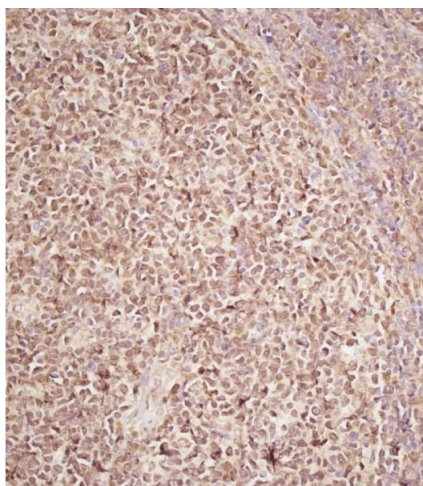
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

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

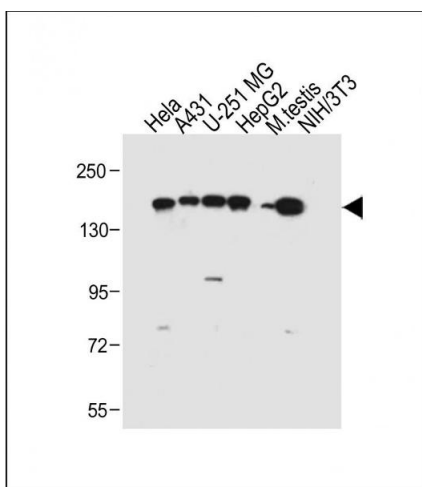
Storage: 4 °C, -20 °C

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of B on paraffin-embedded Human tonsil tissue. Tissue was fixed with formaldehyde at room temperature. Heat induced epitope retrieval was performed by EDTA buffer (pH 9.0). Samples were incubated with primary Antibody (1:100) for 1 hour at room temperature. Undiluted CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



Western Blotting

Image 2. All lanes : Anti-RECQL4 Antibody (C-term) at 1:2000 dilution Lane 1: HeLa whole cell lysate Lane 2: A431 whole cell lysate Lane 3: U-251 MG whole cell lysate Lane 4: HepG2 whole cell lysate Lane 5: Mouse testis tissue lysate Lane 6: NIH/3T3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 133 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.