

Rabbit anti-Human RECQL4 Polyclonal Antibody | anti-RECQL4 antibody

RECQL4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234792	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

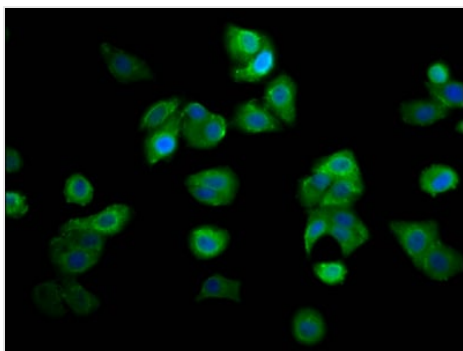
PRODUCT SYNONYMS

RECQL4; Polyclonal Antibody; RECQL4 Antibody; ATP-dependent DNA helicase Q4; DNA helicase; RecQ-like type 4; RecQ4; RTS; RecQ protein-like 4; RECQ4; anti-RECQL4 antibody

PRODUCT SPECIFICATIONS

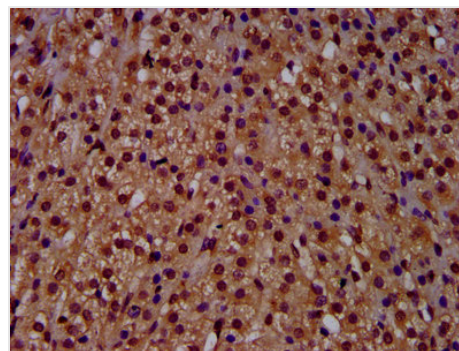
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1208
Applicable Applications for anti-RECQL4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human ATP-dependent DNA helicase Q4 protein (200-337AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



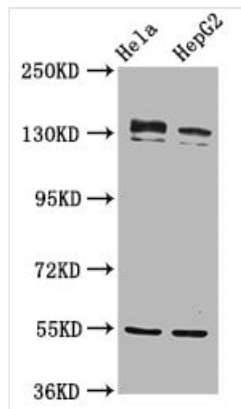
IHC (Immunohistochemistry)

Immunofluorescence staining of HepG2 cells with AAA234792 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234792 diluted at 1:500 and staining in paraffin-embedded human adrenal gland tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: HeLa whole cell lysate, HepG2 whole cell lysateAll lanes: RECQL4 antibody at 4.8ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 134 KDaObserved band size: 134 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-RECQL4 antibody	DNA-dependent ATPase. May modulate chromosome segregation.
Product Categories/Family for anti-RECQL4 antibody	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	284005309
NCBI GeneID	9401
NCBI Accession #	NP_004251.3
NCBI GenBank Nucleotide #	NM_004260.3
UniProt Accession #	O94761; Q3Y424; Q96DW2; Q96F55
Molecular Weight	133,077 Da
NCBI Official Full Name	ATP-dependent DNA helicase Q4
NCBI Official Synonym Full Names	RecQ like helicase 4
NCBI Official Symbol	RECQL4
NCBI Official Synonym Symbols	RECQ4
NCBI Protein Information	ATP-dependent DNA helicase Q4
UniProt Protein Name	ATP-dependent DNA helicase Q4
UniProt Gene Name	RECQL4
UniProt Synonym Gene Names	RECQ4; RecQ4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.