

Rabbit anti-Human, Mouse RTCB Polyclonal Antibody | anti-RTCB antibody

RTCB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233153	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

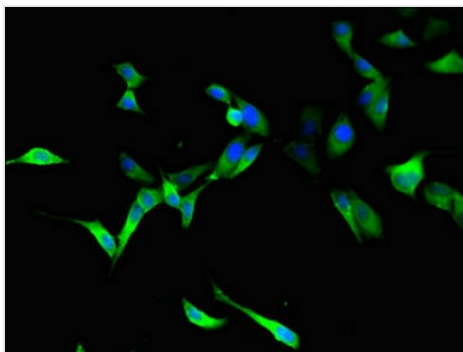
PRODUCT SYNONYMS

RTCB; Polyclonal Antibody; RTCB Antibody; tRNA-splicing ligase RtcB homologUniRule annotation; anti-RTCB antibody

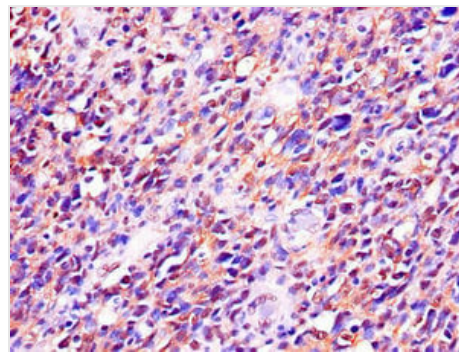
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	505
Applicable Applications for anti-RTCB antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human tRNA-splicing ligase RtcB homolog protein (52-229AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-86491 / sc-86492
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

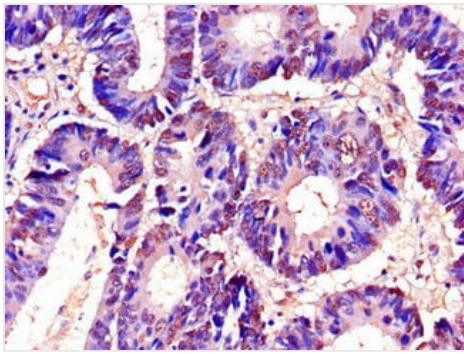
IMAGES


IF (Immunofluorescence)

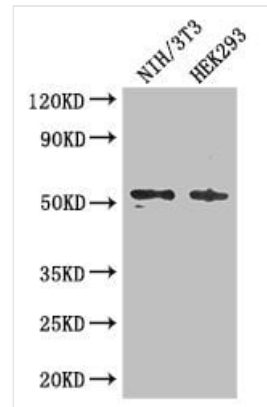
Immunofluorescent analysis of HeLa cells using AAA233153 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human glioma cancer using AAA233153 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon cancer using AAA233153 at dilution of 1:100



WB (Western Blot)
Western Blot Positive WB detected in: NIH/3T3 whole cell lysate, HEK293 whole cell lysate
All lanes: RTCB antibody at 3ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 56 kDa Observed band size: 56 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-RTCB antibody	Catalytic subunit of the tRNA-splicing ligase complex that acts by directly joining spliced tRNA halves to mature-sized tRNAs by incorporating the precursor-derived splice junction phosphate into the mature tRNA as a canonical 3', 5'-phosphodiester. May act as an RNA ligase with broad substrate specificity, and may function toward other RNAs.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7657015
NCBI GeneID	51493
NCBI Accession #	NP_055121.1
NCBI GenBank Nucleotide #	NM_014306.4
UniProt Accession #	Q9Y3I0; Q6IAI0; Q9BWL4; Q9NTH1; Q9P037; Q9P0J3; B2R6A8
Molecular Weight	55,210 Da
NCBI Official Full Name	tRNA-splicing ligase RtcB homolog
NCBI Official Synonym Full Names	RNA 2',3'-cyclic phosphate and 5'-OH ligase
NCBI Official Symbol	RTCB
NCBI Official Synonym Symbols	FAAP; HSPC117; C22orf28; DJ149A16.6
NCBI Protein Information	tRNA-splicing ligase RtcB homolog
UniProt Protein Name	tRNA-splicing ligase RtcB homolog
UniProt Gene Name	RTCB
UniProt Entry Name	RTCB_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rtcb-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233153>