



# Anti-RTCB (aa 125-137) polyclonal antibody (DPABH-08013)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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 a RNA ligase with broad substrate specificity, and may function toward other RNAs.
<b>Immunogen</b>	Synthetic peptide: RLLRTNLDESDVQ with a Cysteine residue linker, corresponding to internal sequence amino acids 125-137 of Human C22orf28 (NP_055121.1).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	200 µl
<b>Buffer</b>	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">RTCB RNA 2,3-cyclic phosphate and 6-OH ligase [ Homo sapiens ]</a>
Official Symbol	RTCB
Synonyms	RTCB; RNA 2,3-cyclic phosphate and 5-OH ligase; FAAP; HSPC117; C22orf28; DJ149A16.6; tRNA-splicing ligase RtcB homolog; ankyrin repeat domain 54; focal adhesion-associated protein;
Entrez Gene ID	<a href="#">51493</a>
Protein Refseq	<a href="#">NP_055121.1</a>
UniProt ID	<a href="#">Q9Y3I0</a>
Function	ATP binding; RNA ligase (ATP) activity; metal ion binding; poly(A) RNA binding