



Anti-RTEL1 (N-terminal) polyclonal antibody (CABT-BL3207)

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

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to N-terminal residues of human RTEL1
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ELISA, IHC-P
Cellular Localization	Nuclear
Format	Liquid
Size	50 µg
Buffer	50% Glycerol, PBS
Preservative	0.01% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction	In mice, inactivation of the Rtel (regulator of telomere length) gene has been shown to cause chromosome breaks, fusions, and telomere loss. In addition, Rtel is required for telomere
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elongation. Therefore, the mouse Rtel gene regulates chromosome stability and telomere length. This gene is the human ortholog of the mouse Rtel gene, so its protein product may play similar roles in humans. Read-through transcription of this gene into the neighboring downstream gene, which encodes tumor necrosis factor receptor superfamily, member 6b, decoy (TNFRSF6B), generates a non-coding transcript. Multiple transcript variants encoding different isoforms have been described for this gene.

GENE INFORMATION

Entrez Gene ID	51750
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Protein Refseq	NP_057518
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UniProt ID	Q9NZ71
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