

RTEL1 polyclonal antibody

Catalog # PAB5559

Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of RTEL1.
Immunogen	A synthetic peptide corresponding to C-terminus of human RTEL1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — RTEL1

Entrez GeneID [51750](#)

Gene Name RTEL1

Gene Alias	C20orf41, DKFZp434C013, KIAA1088, NHL, RTEL, bK3184A7.3
Gene Description	regulator of telomere elongation helicase 1
Omim ID	608833
Gene Ontology	Hyperlink
Gene Summary	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 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. It is located in a gene-rich cluster on chromosome 20, with other potential tumor-related genes, such as TNFRSF6B. Multiple transcript variants encoding different isoforms have been described for this gene, although the full-length nature of not all variants is known. [provided by RefSeq]
Other Designations	OTTHUMP00000031577 OTTHUMP00000184892 regulator of telomere length

Disease

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