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# RTKN2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5819a

## Product Information

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|---|---|
| **Application** | WB, FC, E |
| **Primary Accession** | Q8IZC4 |
| **Other Accession** | NP_660350.2 |
| **Reactivity** | Human, Mouse |
| **Predicted** | Bovine, Canine, Rabbit |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB27444 |
| **Calculated MW** | 69304 |
| **Antigen Region** | 99-127 |

## Additional Information

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| **Gene ID** | 219790 |
| **Other Names** | Rhotekin-2, Pleckstrin homology domain-containing family K member 1, PH domain-containing family K member 1, RTKN2, PLEKHK1 |
| **Target/Specificity** | This RTKN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 99-127 amino acids from the N-terminal region of human RTKN2. |
| **Dilution** | WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | RTKN2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | RTKN2 |
| **Synonyms** | PLEKHK1 |

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| **Function** | May play an important role in lymphopoiesis. |
| **Tissue Location** | Expressed in lymphocytes, CD4 positive T-cells and bone marrow-derived cells. Also expressed in lung, colon, thymus and brain. |

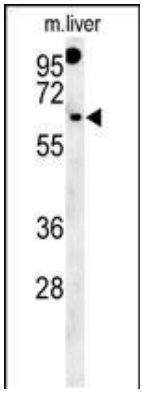
## Background

RTKN2 may play an important role in lymphopoiesis.

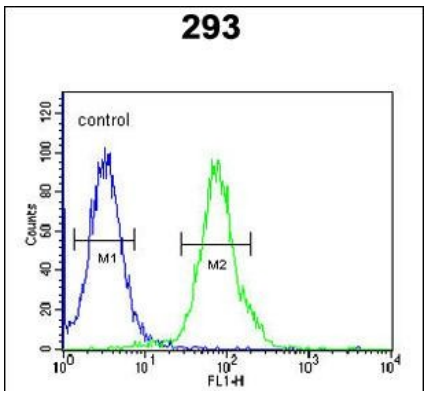
## References

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Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006)
Collier, F.M., et al. Biochem. Biophys. Res. Commun. 324(4):1360-1369(2004)
Gregorio-King, C.C., et al. J. Steroid Biochem. Mol. Biol. 88(3):311-320(2004)

## Images




RTKN2 Antibody (N-term) (Cat. #AP5819a) western blot analysis in mouse liver tissue lysates (15ug/lane).This demonstrates the RTKN2 antibody detected RTKN2 protein (arrow).




RTKN2 Antibody (N-term) (Cat. #AP5819a) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.