

## Datasheet for ABIN928010 **anti-RAG1 antibody (C-Term)**



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### 1 Image

#### Overview

Quantity:	100 µL
Target:	RAG1
Binding Specificity:	C-Term
Reactivity:	Mouse, Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAG1 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	Rag1 antibody was raised in rabbit using the C terminal of Rag1 as the immunogen
Cross-Reactivity:	Mouse (Murine)
Purification:	Purified

#### Target Details

Target:	RAG1
Alternative Name:	Rag1 ( <a href="#">RAG1 Products</a> )
Background:	As a catalytic component of the RAG complex, a multiprotein complex that mediates the DNA cleavage phase during V(D)J recombination. V(D)J recombination assembles a diverse repertoire of immunoglobulin and T-cell receptor genes in developing B and T lymphocytes through rearrangement of different V (variable), in some cases D (diversity), and J (joining) gene

## Target Details

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segments. In the RAG complex, RAG1 mediates the DNA-binding to the conserved recombination signal sequences (RSS) and catalyzes the DNA cleavage activities by introducing a double-strand break between the RSS and the adjacent coding segment. RAG2 is not a catalytic component but is required for all known catalytic activities. Synonyms: Polyclonal Rag1 antibody, Anti-Rag1 antibody, recombination activating gene 1 antibody, Rag-1 antibody.

## Application Details

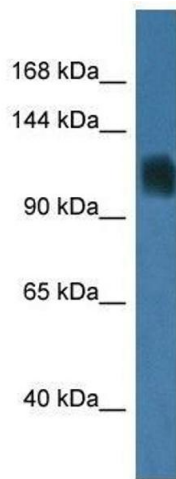
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Application Notes:	Optimal conditions should be determined by the investigator.
Comment:	Rag1 Blocking Peptide, catalog no. 33R-3994, is also available for use as a blocking control in assays to test for specificity of this Rag1 antibody
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 $\mu$ L of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



### Western Blotting

**Image 1.** Western Blot showing Rag1 antibody used at a concentration of 1.0 ug/ml against Mouse Liver Lysate