

Rabbit RAG2 Polyclonal Antibody | anti-RAG2 antibody

RAG2 antibody

CATALOG # AAA107774	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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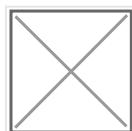
PRODUCT SYNONYMS

RAG2; Polyclonal Antibody; RAG2 antibody; Polyclonal RAG2; Anti-RAG2; RAG-2; RAG 2; recombination activating gene 2; V(D)J recombination-activating protein 2; anti-RAG2 antibody

PRODUCT SPECIFICATIONS

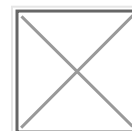
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	RAG2 antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.37 mg/ml (varies by lot)
Sequence Length	390
Applicable Applications for anti-RAG2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	This gene encodes a protein that is involved in the initiation of VJ recombination during B and T cell development. This protein forms a complex with the product of the adjacent recombination activating gene 1, and this complex can form double-strand breaks by cleaving DNA at conserved recombination signal sequences. The recombination activating gene 1 component is thought to contain most of the catalytic activity, while the N-terminal of the recombination activating gene 2 component is thought to form a six-bladed propeller in the active core that serves as a binding scaffold for the tight association of the complex with DNA. A C-terminal plant homeodomain finger-like motif in this protein is necessary for interactions with chromatin components, specifically with histone H3 that is trimethylated at lysine 4.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded DLD1 Xenograft using RAG2 antibody at a dilution of 1:100



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: Molt-4) using a 7.5 % SDS PAGE gel and RAG2 antibody at a dilution of 1:1000



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using RAG2 antibody at 1:200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-RAG2 antibody	Affinity purified Rabbit polyclonal RAG2 antibody
Product Categories/Family for anti-RAG2 antibody	Immunology ; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	45737860
Molecular Weight	59 kDa
NCBI Official Full Name	RAG2, partial
UniProt Protein Name	RAG2
UniProt Gene Name	Rag2
UniProt Entry Name	Q6T1G5_LEPPA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rag2-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/107774>