

Rabbit Rag1 Polyclonal Antibody | anti-RAG1 antibody

Rag1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199201	Rabbit	Predicted Reactivity: Horse, Mouse, Pig, Rat (Tested Reactivity: Mouse)	Western Blot

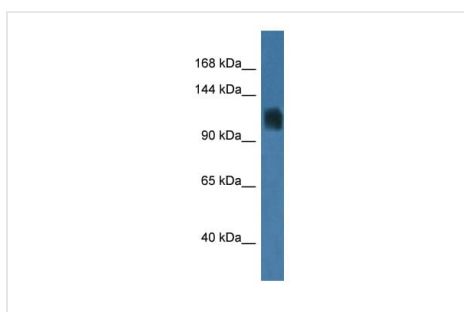
PRODUCT SYNONYMS

Rag1; Polyclonal Antibody; Rag1 antibody - C-terminal region; anti-RAG1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Predicted Reactivity: Horse, Mouse, Pig, Rat (Tested Reactivity: Mouse)
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: II ERDGSIGAWA SEGNE SGNKL FRRFRKM NAR QSKCYEMEDV LKHHWLYT
Sequence Length	1040
Applicable Applications for anti-RAG1 antibody	WB (Western Blot)
Homology	Horse: 100%; Mouse: 100%; Pig: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide corresponding to a region of Mouse
Protein Size (# AA)	1040 amino acids
Protein Interactions	Gmab1; Sf3a2; Kpna2; Rag1; UBE2C; UBE2H; UBE2E1; UBE2D2; UBE2D1; UBC; CDC34; Trav6-3; Rel; Nfkb1; Rela;
Replacement Item	This antibody may replace item sc-34269 from Santa Cruz Biotechnology.
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-Rag1 Antibody Titration: 1.0 ug/ml Positive Control: Mouse Liver

ADDITIONAL INFORMATION

Related Product Information for anti-RAG1 antibody	This is a rabbit polyclonal antibody against Rag1. It was validated on Western Blot Target Description: 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 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.
Product Categories/Family for anti-RAG1 antibody	Polyclonal; Drugs and Drug Metabolism ; Cardiovascular ; Developmental Biology ; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	133778933
NCBI GeneID	19373
NCBI Accession #	NP_033045
NCBI GenBank Nucleotide #	NM_009019
UniProt Accession #	P15919
Molecular Weight	119kDa
NCBI Official Full Name	V(D)J recombination-activating protein 1
NCBI Official Synonym Full Names	recombination activating gene 1
NCBI Official Symbol	Rag1
NCBI Official Synonym Symbols	Rag-1
NCBI Protein Information	V(D)J recombination-activating protein 1
UniProt Protein Name	V(D)J recombination-activating protein 1
UniProt Gene Name	Rag1
UniProt Synonym Gene Names	RAG-1
UniProt Entry Name	RAG1_MOUSE

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/rag1-antibody-western-blot-elisa/199201>