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Produktinformation

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- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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RAG2 (Human) IP-WB Antibody Pair

Catalog # : H00005897-PW1 **規格 :** [1 Set]

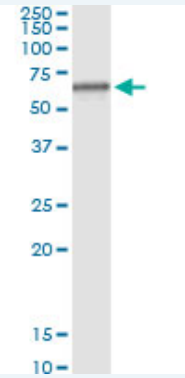
List All

Specification

Product Description: This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.

Reactivity: Human

Quality Control Testing: Immunoprecipitation-Western Blot (IP-WB)



Immunoprecipitation of RAG2 transfected lysate using rabbit polyclonal anti-RAG2 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-RAG2.

Supplied Product: Antibody pair set content:
1. Antibody pair for IP: rabbit polyclonal anti-RAG2 (300 ul)
2. Antibody pair for WB: mouse purified polyclonal anti-RAG2 (50 ug)

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

MSDS: Download

Applications

Immunoprecipitation-Western Blot

Protocol Download

Gene Information

Entrez GeneID: 5897

Gene Name: RAG2

Gene Alias: RAG-2

Gene Description: recombination activating gene 2

Omim ID: 179616, 601457, 603554

Gene Ontology: Hyperlink

Application Image

Immunoprecipitation-Western Blot

Gene Summary: This gene encodes a protein that is involved in the initiation of V(D)J 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. Mutations in this gene cause Omenn syndrome, a form of severe combined immunodeficiency associated with autoimmune-like symptoms. [provided by RefSeq

Other Designations: V(D)J recombination-activating protein 2

Gene Pathway

Primary immunodeficiency

Related Disease

Genetic Predisposition to Disease Hematologic Diseases Hodgkin Disease Immunologic Deficiency Syndromes Lymphoma, Non-Hodgkin Lymphopenia Lymphoproliferative Disorders Multiple Myeloma Occupational Diseases Severe Combined Immunodeficiency Severe combined immunodeficiency Waldenstrom Macroglobulinemia Werner syndrome

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