

# RAG2 Rabbit pAb

货号: **AYP19692**

## 产品信息

反应	Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	59kDa
实测分子量	59kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
偶联物	Unconjugated
阳性对照	Mouse testis, Mouse liver
细胞定位	Nucleus
纯化	Affinity purification

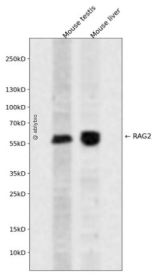
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 351-527 of human RAG 2 (NP_000527.2).
序列	AEDDTNEEQTTFTNSQTSTEDPGDSTPFEDSEEFCSAEANSFDGDDEFDTYNEDDEEDESSETGYWITCCPTCDVDINT WVPFYTELNKPAMIYCSHGDDHVVHAQCMDLAERTLIHLSAGSNKYCNEHVEIARALHTPQRVLPKPPMKSLRKKG SGKILTPAKKSFLRRFLD

## 靶点信息

研究背景	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.
基因ID	5897
基因名	RAG2
Swiss	P55895
别名	RAG2;RAG-2

## 产品验证



Western blot analysis of RAG2 expressed in Mouse testis, Mouse liver using RAG2 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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