

RAG2 Rabbit pAb

货号: B16984

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 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	Raji,Jurkat,293T,HepG2
细胞定位	Nucleus
纯化	Affinity purification

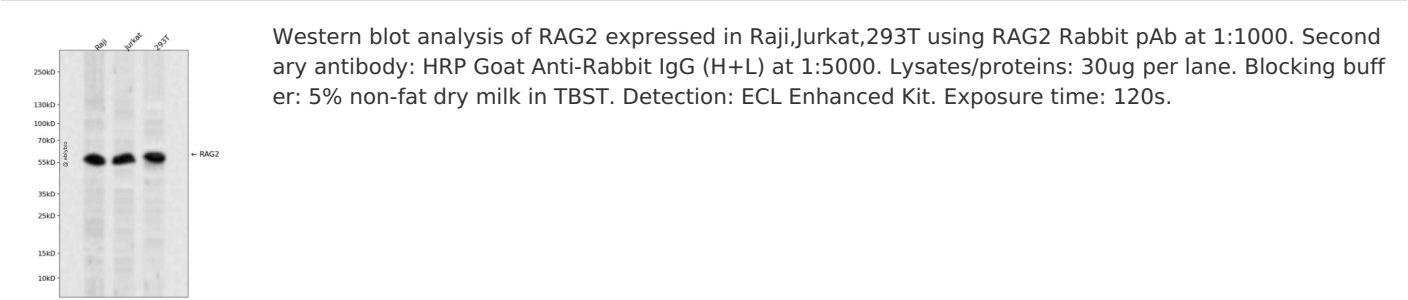
抗原信息

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	AEDDTNEEQTTFTNSQTSTEDPGDSTPFEDSEEFCSAEANSFDGDDEFDTYNEDDEEDESETGYWITCCPTCDVDINT WVPFYSTELNKPAMIYCSHGDGHWVHAQCMDLAERTLIHLSAGSNKYCNEHVEIARALHTPQRVLPLKKPPMKSLRKKG 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



实验步骤

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