

Importin 9 / RANBP9 Rabbit mAb

货号: **AYM29977**

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200
理论分子量	115kDa
实测分子量	140kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,Jurkat,U-251MG,Mouse testis,Rat testis,Rat brain,Mouse brain
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

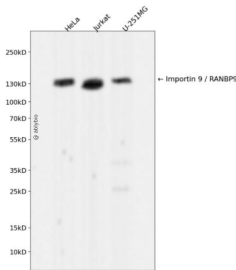
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Importin 9 / RANBP9.
序列	LEVTEEFGVHLAELTVDPQGALAIRQLASVILKQYVETHWCAQSEKFRPPETTERAKIVIRELLPNGLRESISKVRSSVAYAVS AIAHWDWPEAWPQLFNL

靶点信息

研究背景	Functions in nuclear protein import as nuclear transport receptor. Serves as receptor for nuclear localization signals (NLS in cargo substrates). Is thought to mediate docking of the importin/substrate complex to the nuclear pore complex (NPC through binding to nucleoporin and the complex is subsequently translocated through the pore by an energy requiring, Ran-dependent mechanism. At the nucleoplasmic side of the NPC, Ran binds to the importin, the importin/substrate complex dissociates and importin is re-exported from the nucleus to the cytoplasm where GTP hydrolysis releases Ran. The directionality of nuclear import is thought to be conferred by an asymmetric distribution of the GTP- and GDP-bound forms of Ran between the cytoplasm and nucleus. Mediates the nuclear import of RPS7, RPL18A, RPL6, histone H2A, histone H2B and histone H2C. Prevents the cytoplasmic aggregation of RPS7 and RPL18A by shielding exposed basic domains. Mediates the nuclear import of actin (By similarity).
基因ID	55705
基因名	IPO9
Swiss	Q96P70
别名	IPO9;Imp9

产品验证



Western blot analysis of Importin 9 / RANBP9 expressed in HeLa, Jurkat, U-251MG using Importin 9 / RANBP9 Rabbit mAb 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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