

产品名称: POM121 Rabbit Polyclonal Antibody
产品货号: AP Rab16366



产品概述 (Summary)

产品名称 (Production Name)	POM121 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	POM121 POM121; KIAA0618; NUP121; POM121A; Nuclear envelope pore membrane protein POM 121; Nuclear envelope pore membrane protein POM 121A; Nucleoporin Nup121; Pore membrane protein of 121 kDa; POM121B; Putative nuclear envelope pore membrane prote
别名 (Alternative Names)	
基因 ID (Gene ID)	9883.0
蛋白 ID (SwissProt ID)	Q96HA1/A6NF01/A8CG34.The antiserum was produced against synthesized peptide derived from human POM121. AA range:1197-1246

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
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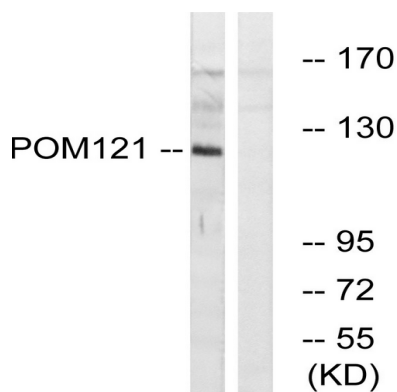
蛋白分子量 (Molecular Weight) 125kDa

研究背景 (Background)

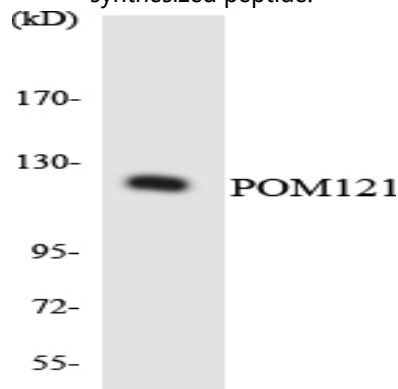
This gene encodes a transmembrane protein that localizes to the inner nuclear membrane and forms a core component of the nuclear pore complex, which mediates transport to and from the nucleus. The encoded protein may anchor this complex to the nuclear envelope. There are multiple related genes and pseudogenes for this gene on chromosomes 5, 7, 15, and 22. Alternatively spliced transcript variants encoding different isoforms have been observed. [provided by RefSeq, Jul 2013], domain: Contains F-X-F-G repeats., function: Essential component of the nuclear pore complex (NPC). The repeat-containing domain may be involved in anchoring components of the pore complex to the pore membrane. When overexpressed in cells induces the formation of cytoplasmic annulate lamellae (AL)., similarity: Belongs to the POM121 family., subcellular location: Stably associated with the NPC throughout interphase and the endoplasmic reticulum during metaphase.,

研究领域 (Research Area)

图片 (Image Data)



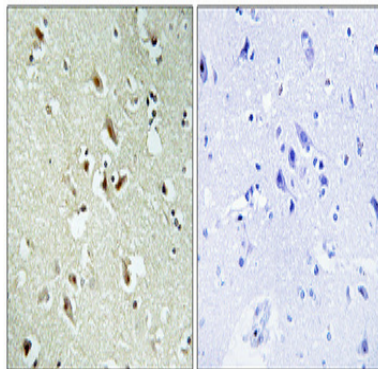
Western blot analysis of lysates from K562 cells, using POM121 Antibody. The lane on the right is blocked with the synthesized peptide.



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Western blot analysis of the lysates from HUVEC cells using POM121 antibody.



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°, overnight). High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only.