

ARG67338 anti-POM121 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes POM121
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	POM121
Species	Human
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human POM121.
Conjugation	Un-conjugated
Alternate Names	POM121; KIAA0618; NUP121; POM121A; Nucleoporin Nup121; Pore membrane protein of 121 kDa; POM121B

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:200
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	125; 100 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen
Purification Note	0.42% Potassium phosphate (pH 7.3), 0.87% NaCl, 0.01% Sodium azide and 30% Glycerol.
Purity	0.01% Sodium azide
Buffer	30% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Gene Symbol	POM121
Gene Full Name	Nuclear envelope pore membrane protein POM 121
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]
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). [UniProt]
Calculated Mw	127; 83 kDa
PTM	Phosphoprotein. [UniProt]
Cellular Localization	Endoplasmic reticulum; Membrane; Nuclear pore complex; Nucleus. [UniProt]