

Immunotag™ POM121 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT3819
Product Description	Immunotag™ POM121 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	POM121
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from POM121, at AA range: 1170-1250
Specificity	POM121 Polyclonal Antibody detects endogenous levels of POM121 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	POM121
Accession No.	Q96HA1/A6NF01/A8CG34 P52591
Alternate Names	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

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Description	POM121 transmembrane nucleoporin(POM121) Homo sapiens 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],
Protein Expression	Brain,Cervix,Lymph,Skin,Teratocarcinoma,Testis,Uterus,
Subcellular Localization	nuclear envelope,nuclear pore,endoplasmic reticulum membrane,integral component of membrane,nuclear membrane,nuclear pore central transport channel,nuclear pore nuclear basket,
Protein Function	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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.