

## POM121 (K1249) polyclonal antibody

Catalog: BS3354

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

POM121 (POM121 membrane glycoprotein), also known as POM121A (nuclear envelope pore membrane protein POM 121A), NUP121 (nucleoporin Nup121) or pore membrane protein of 121 kDa, is a 1,249 amino acid single-pass membrane protein that exists as three alternatively spliced isoforms and belongs to the POM121 family. Encoded by a gene that maps to human chromosome 7q11.23, POM121 is highly conserved and localizes to nucleus membrane and endoplasmic reticulum membrane. An essential component of the nuclear pore complex (NPC), POM121 is mandatory for nuclear envelope formation and may play a role in biogenesis of the NPC. POM121 associates with the central spoke ring complex and is involved in anchoring components of the pore complex to the pore membrane by way of its F-X-F-G repeat-containing domain. POM121 overexpression induces the formation of cytoplasmic annulate lamellae (AL).

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 121 kDa

### Swiss-Prot:

Q96HA1/A6NF01/A8CG34

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

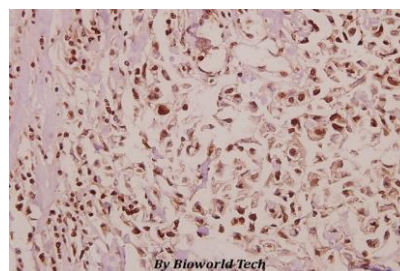
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

POM121 (K1249) polyclonal antibody detects endogenous levels of POM121 protein.

### DATA:



Immunohistochemistry (IHC) analyzes of POM121 (K1249) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.

### Note:

For research use only, not for use in diagnostic procedure.

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