

## bs-9435R-A647

### • Rabbit Anti-PAPOLA/B/G Polyclonal Antibody, Alexa Fluor 647 conjugated

Conjugated Primary Antibodies

#### Background:

Polyadenylation of the 3-prime ends of eukaryotic mRNAs is a key event that takes place in the nucleus during maturation of mRNA. The reaction includes endoribonucleolytic cleavage of the pre-RNA at the poly(A) site that leads to synthesis of the poly(A) tail at the 3-prime end of the upstream cleavage product. The poly(A) polymerase (PAP) is required. The adenosine addition reaction depends on poly(A) polymerase (PAP) activity. The testis express PAP-beta (TPAP) in the cytoplasm of spermatogenic cells. The adenosine addition function of PAP-beta plays a critical role in male germ cell production. PAP-beta-deficient transgenic mice display impaired expression of haploid-specific genes that are necessary for spermatogenesis. The intronless gene encoding human PAP-beta maps to chromosome 7p22.3.

**Purification:** Was purified by Protein A and peptide affinity chromatography.

#### Storage:

Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year. Protect from light.

#### Reconstitution:

If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.

**Size:** 100ul or 100ug lyophilized

**Concentration:** 1ug/uL

**Host:** Rabbit

**Reactivities:**

Human, Mouse, Rat, Chicken, Dog, Cow,

**Application:**

- IF(1:50-200)
- Not yet tested in other applications. Optimal working dilutions must be determined by the end user.

**Antibody Type:** Polyclonal

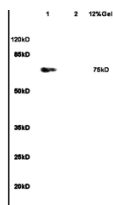
**Isotype:** IgG

**Molecular Weight:** 70-82kDa

**Preservatives:**

10ug/uL BSA and 0.1% NaN<sub>3</sub>.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.



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