

PAPOLA polyclonal antibody

Catalog: BS61818

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Polyadenylation of the 3' ends of eukaryotic mRNAs is a key event that takes place in the nucleus during maturation of mRNA. The reaction occurs in two distinct steps: endoribonucleolytic cleavage of the pre-RNA at the poly(A) site, followed by synthesis of the poly(A) tail at the 3' end of the up-stream cleavage product. The poly(A) polymerase (PAP) is required for the adenosine addition reaction. Western blot analysis reveals three PAPs, namely PAP- α , PAP- β and PAP- γ , demonstrating different molecular masses in HeLa cell extracts. The amino-terminal region of PAP is required for nonspecific polymerase activity, while both the amino and carboxy termini are required for specific polymerase activity. Additionally, PAP contains a functional ribonucleoprotein-type RNA binding domain (RBD) that is responsible for primer binding.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 100 kDa

Swiss-Prot:

P51003

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

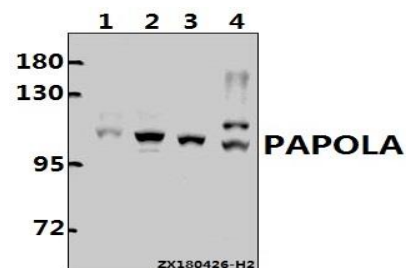
Storage&Stability:

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

Specificity:

PAPOLA pAb detects endogenous levels of PAPOLA protein.

DATA:



Western blot (WB) analysis of PAPOLA pAb at 1:1000 dilution

Lane1:HCC827 whole cell lysate(40ug)

Lane2:The Embryo tissue lysate of Mouse(40ug)

Lane3:PMVEC whole cell lysate(40ug)

Lane4:EC9706 whole cell lysate(40ug)

Note:

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

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