

## Polyclonal AntibodyPC1 Polyclonal Antibody

**Catalog No.** E-AB-65139

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

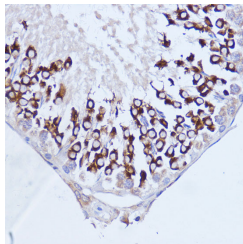
### Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	A synthetic peptide of human PABPC1 (NP_002559.2).
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

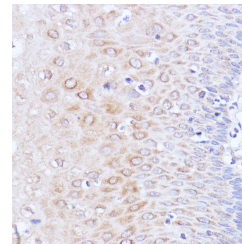
### Applications Recommended Dilution

<b>IHC</b>	1:50-1:100
<b>IF</b>	1:50-1:100

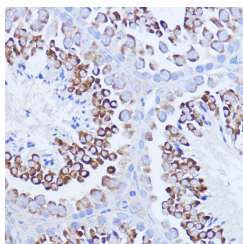
### Data



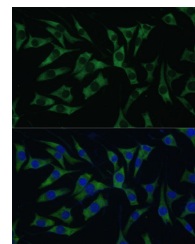
Immunohistochemistry of paraffin-embedded Rat testis using Polyclonal AntibodyPC1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human esophageal using Polyclonal AntibodyPC1 Polyclonal Antibody at dilution of 1:100 (40x lens).

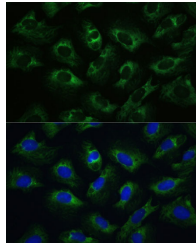


Immunohistochemistry of paraffin-embedded Mouse testis using Polyclonal AntibodyPC1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of L929 cells using Polyclonal AntibodyPC1 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

### For Research Use Only



Immunofluorescence analysis of U-2 OS cells using Polyclonal AntibodyPC1 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

This gene encodes a poly(A) binding protein. The protein shuttles between the nucleus and cytoplasm and binds to the 3' poly(A) tail of eukaryotic messenger RNAs via RNA-recognition motifs. The binding of this protein to poly(A) promotes ribosome recruitment and translation initiation; it is also required for poly(A) shortening which is the first step in mRNA decay. The gene is part of a small gene family including three protein-coding genes and several pseudogenes.