

## PRPF8 Polyclonal Antibody

catalog number: **E-AB-62352**

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

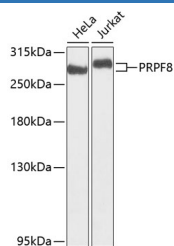
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	A synthetic peptide of human PRPF8 (NP_006436.3).
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

### Applications

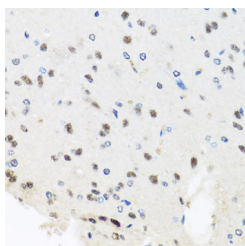
Applications	Recommended Dilution
<b>WB</b>	1:500-1:1000
<b>IHC</b>	1:50-1:100
<b>IF</b>	1:50-1:100

### Data

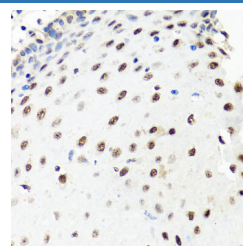
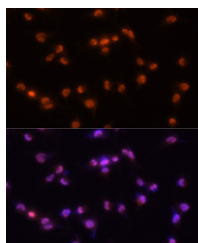


Western blot analysis of extracts of various cell lines using PRPF8 Polyclonal Antibody at dilution of 1:1000.

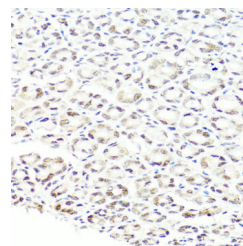
**Observed-MW:274 kDa**  
**Calculated-MW:273 kDa**



Immunohistochemistry of paraffin-embedded Rat brain using PRPF8 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human esophagus using PRPF8 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse stomach using PRPF8 Polyclonal Antibody at dilution of 1:100 (40x lens).

### For Research Use Only

Immunofluorescence analysis of U-251MG cells using  
PRPF8 Polyclonal Antibody at dilution of 1:100 (20x lens).

Blue: DAPI for nuclear staining.

## Preparation & Storage

**Storage**

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

**Shipping**

The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

## Background

Pre-mRNA splicing occurs in 2 sequential transesterification steps. The protein encoded by this gene is a component of both U2- and U12-dependent spliceosomes, and found to be essential for the catalytic step II in pre-mRNA splicing process. It contains several WD repeats, which function in protein-protein interactions. This protein has a sequence similarity to yeast Prp8 protein. This gene is a candidate gene for autosomal dominant retinitis pigmentosa.

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