

## DATASHEET

# PRPF3 Rabbit Polyclonal Antibody

CAT. NO. APA12751

### KEY FEATURES

Target	PRPF3	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB, IHC, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

### BACKGROUND

Plays a role in pre-mRNA splicing as component of the U4/U6-U5 tri-snRNP complex that is involved in spliceosome assembly, and as component of the precatalytic spliceosome (spliceosome B complex).

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200
IF/ICC	1:50 - 1:200

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to PRPF3
Specificity	Recognizes endogenous levels of PRPF3 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human PRPF3
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 31; Observed: 90 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	HPRP3; PRP3; U4/U6 small nuclear ribonucleoprotein Prp3; Pre-mRNA-splicing factor 3; hPrp3; U4/U6 snRNP 90 kDa protein
Gene Symbol	PRPF3
Entrez Gene	9129(Human); 70767(Mouse)
SwissProt	O43395(Human); Q922U1(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

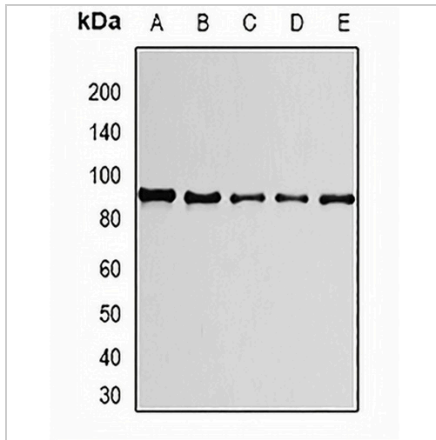
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

**DATASHEET**

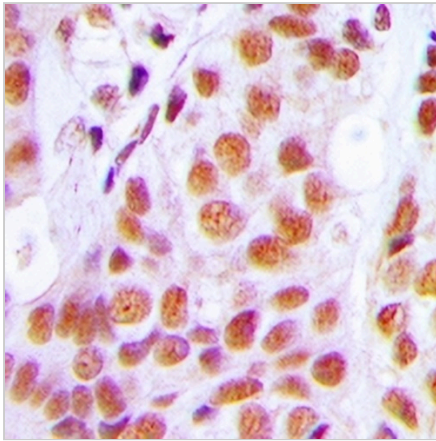
**PRPF3 Rabbit Polyclonal Antibody**

CAT. NO. APA12751

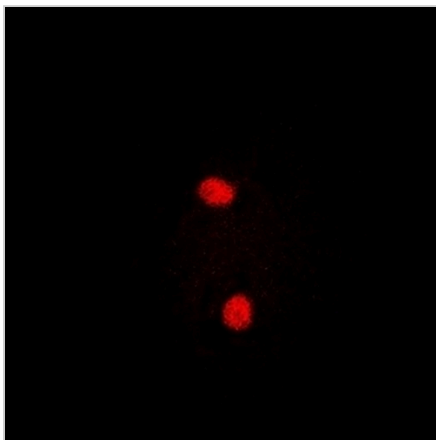
**DATA**



Western blot analysis of PRPF3 expression in A549 (A), HepG2 (B), THP1 (C), mouse spleen (D), mouse testis (E) whole cell lysates. (Predicted band size: 31; 77 kD; Observed band size: 90 kD)



Immunohistochemical analysis of PRPF3 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of PRPF3 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.