

**SNRNP40 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP5272c****Specification**

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**SNRNP40 Antibody (Center) - Product Information**

Application	IHC-P, WB,E
Primary Accession	<a href="#">Q96DI7</a>
Other Accession	<a href="#">Q6PE01</a> , <a href="#">Q2HJH6</a>
Reactivity	Human
Predicted	Bovine, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	39311
Antigen Region	122-149

**SNRNP40 Antibody (Center) - Additional Information****Gene ID** 9410**Other Names**

U5 small nuclear ribonucleoprotein 40 kDa protein, U5 snRNP 40 kDa protein, U5-40K, 38 kDa-splicing factor, Prp8-binding protein, hPRP8BP, U5 snRNP-specific 40 kDa protein, WD repeat-containing protein 57, SNRNP40, PRP8BP, SFP38, WDR57

**Target/Specificity**

This SNRNP40 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 122-149 amino acids from the Central region of human SNRNP40.

**Dilution**

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

SNRNP40 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**SNRNP40 Antibody (Center) - Protein Information**

**Name** SNRNP40

**Synonyms** PRP8BP, SFP38, WDR57

**Function** Required for pre-mRNA splicing as component of the activated spliceosome (PubMed:[11991638](#), PubMed:[28076346](#), PubMed:[28502770](#), PubMed:[28781166](#), PubMed:[29301961](#), PubMed:[29360106](#), PubMed:[30315277](#), PubMed:[30705154](#)). Component of the U5 small nuclear ribonucleoprotein (snRNP) complex and the U4/U6-U5 tri-snRNP complex, building blocks of the spliceosome (PubMed:[16723661](#), PubMed:[26912367](#), PubMed:[9774689](#)). As a component of the minor spliceosome, involved in the splicing of U12- type introns in pre-mRNAs (Probable).

**Cellular Location**

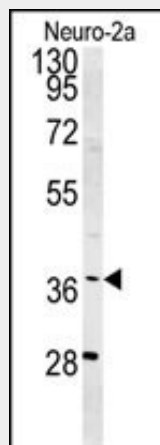
Nucleus

### SNRNP40 Antibody (Center) - Protocols

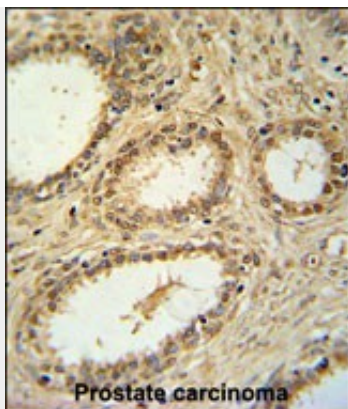
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### SNRNP40 Antibody (Center) - Images



Western blot analysis of SNRNP40 Antibody (Center) (Cat. #AP5272c) in Neuro-2a cell line lysates (35ug/lane). SNRNP40 (arrow) was detected using the purified Pab.



SNRNP40 Antibody (Center) (Cat. #AP5272c) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SNRNP40 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **SNRNP40 Antibody (Center) - Background**

SNRNP40 encodes a component of the U5 small nuclear ribonucleoprotein (snRNP) particle. The U5 snRNP is part of the spliceosome, a multiprotein complex that catalyzes the removal of introns from pre-messenger RNAs.

#### **SNRNP40 Antibody (Center) - References**

Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007)  
Higa, L.A., et al. Nat. Cell Biol. 8(11):1277-1283(2006)  
Liu, S., et al. RNA 12(7):1418-1430(2006)