

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

Specification

SNRNP40 Antibody (Center) - Product Information

Application	IHC-P, WB,E
Primary Accession	Q96DI7
Other Accession	Q6PE01 , Q2HJH6
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

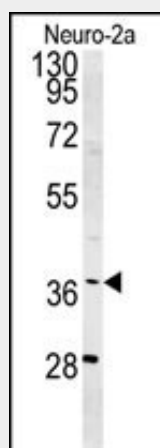
Nucleus

SNRNP40 Antibody (Center) - Protocols

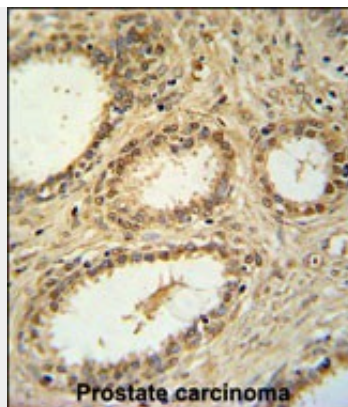
Provided below are standard protocols that you may find useful for product applications.

- [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)