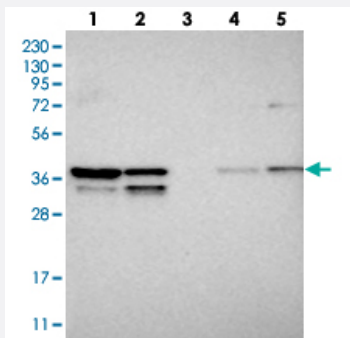


# SNRNP40 polyclonal antibody

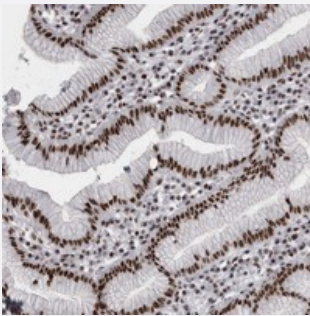
Catalog # PAB21803      Size 100 uL

## Applications



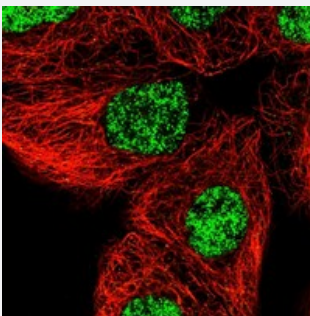
### Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with SNRNP40 polyclonal antibody (Cat # PAB21803) at 1:250-1:500 dilution.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human stomach with SNRNP40 polyclonal antibody (Cat # PAB21803) shows strong nuclear positivity in glandular cells at 1:50-1:200 dilution.



### Immunofluorescence

Immunofluorescent staining of human cell line A-431 with SNRNP40 polyclonal antibody (Cat # PAB21803) at 1-4 ug/mL dilution shows positivity in nucleus but not nucleoli.

## Specification

### Product Description

Rabbit polyclonal antibody raised against recombinant SNRNP40.

### Immunogen

Recombinant protein corresponding to amino acids of human SNRNP40.

Sequence	QGNVHNFEKNLLRCSWSPDGSKIAAGSADRFVYVWDTTSRRILYKLPGHAGSINEVAFHPDEPIIS ASSDKRLYMGEIQ
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:250-1:500) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with SNRNP40 polyclonal antibody (Cat # PAB21803) at 1:250-1:500 dilution.

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## Gene Info — SNRNP40

Entrez GeneID [9410](#)

Protein Accession# [Q96DI7](#)

Gene Name	SNRNP40
Gene Alias	40K, FLJ41108, HPRP8BP, MGC1910, PRP8BP, PRPF8BP, RP11-490K7.3, SPF38, WDR57
Gene Description	small nuclear ribonucleoprotein 40kDa (U5)
Omim ID	<a href="#">607797</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene 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. [provided by RefSeq]
Other Designations	38 kDa-splicing factor OTTHUMP00000003888 Prp8-binding protein U5 snRNP-specific 40 kDa protein (hPrp8-binding) U5-40kD protein WD repeat domain 57 (U5 snRNP specific)

## Publication Reference

- [Deregulated Splicing Is a Major Mechanism of RNA-Induced Toxicity in Huntington's Disease.](#)

Schilling J, Broemer M, Atanassov I, Duernberger Y, Vorberg I, Dieterich C, Dagane A, Dittmar G, Wanker E, van Roon-Mom W, Winter J, Krauß S.

Journal of Molecular Biology 2019 Apr; 431(9):1869.

Application: WB, Human, SH-SY5Y cells