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anti-PRPF8 antibody





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Overview

Quantity:	100 μL
Target:	PRPF8
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This PRPF8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	PRPF8 Rabbit mAb
Immunogen:	A synthesized peptide derived from human PRPF8
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	PRPF8
Alternative Name:	PRPF8 (PRPF8 Products)
Background:	Pre-mRNA splicing occurs in 2 sequential transesterification steps. The protein encoded by this

Target Details

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. [provided by RefSeq, Jul 2008],HPRP8, PRP8, PRPC8, RP13, SNRNP220,Epigenetics & Nuclear Signaling,Neuroscience,RNA Binding,PRPF8

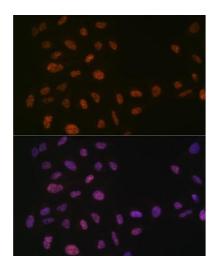
Molecular Weight:	274kDa	
Gene ID:	10594	
UniProt:	O6P2O9	

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

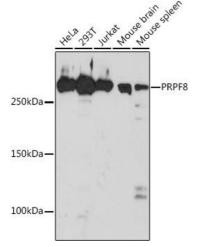
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



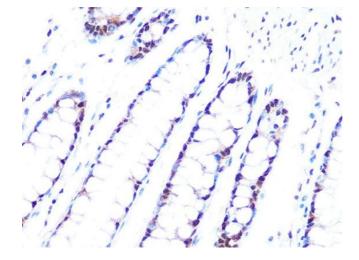
Immunofluorescence

Image 1. Immunofluorescence analysis of U-2 OS cells using PRPF8 Rabbit mAb (ABIN7269737) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using PRPF8 Rabbit mAb (ABIN7269737) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human colon using PRPF8 Rabbit mAb (ABIN7269737) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the product details page for more images. Overall 5 images are available for ABIN7269737.