

## PRPF8 Antibody

Catalog No: #46649

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## Description

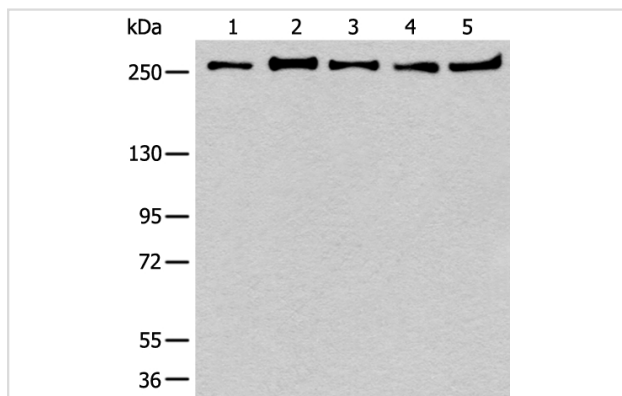
Product Name	PRPF8 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total PRPF8 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human PRPF8
Target Name	PRPF8
Other Names	PRP8; RP13; HPRP8; PRPC8; SNRNP220
Accession No.	Swiss-Prot:Q6P2Q9NCBI Gene ID:10594NCBI Protein:NP_006436
Uniprot	Q6P2Q9
GeneID	10594;
Calculated MW	274 kDa
Concentration	1.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1: 20-100

## Images



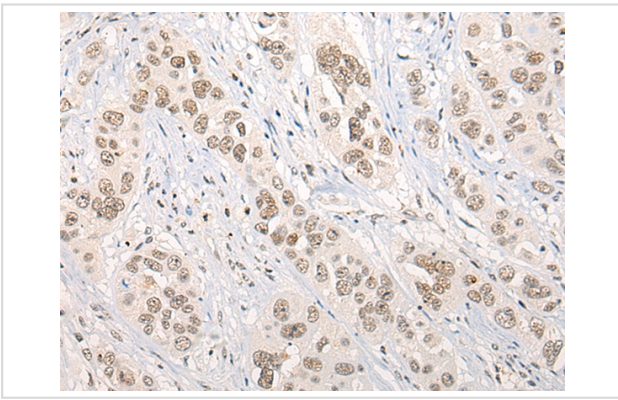
Gel: 6%SDS-PAGE

lysate: 40 µg, Lane 1-5:

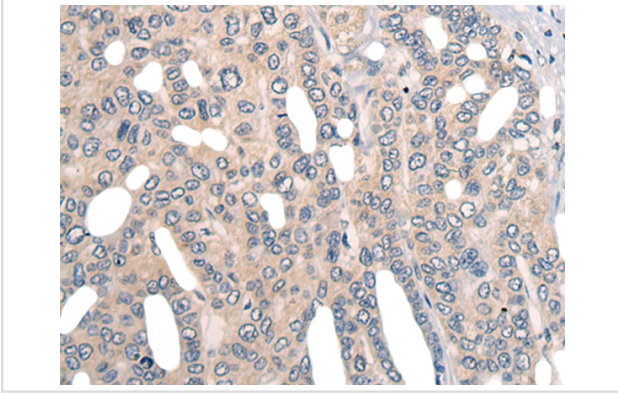
293T, K562, Raji and NIH/3T3 cell lysates,  
Primary antibody: 46649 PRPF8 Antibody) at dilution  
1/600

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,

Exposure time: 50 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 46649(PRPF8 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46649(PRPF8 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)

## Background

Pre-mRNA splicing occurs in 2 sequential transesterification steps. The protein encoded by this 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.

Note: This product is for in vitro research use only