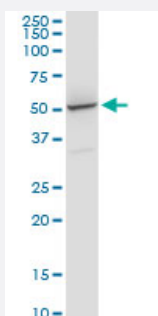


PRPF31 monoclonal antibody (M02), clone 8E1

Catalog # H00026121-M02

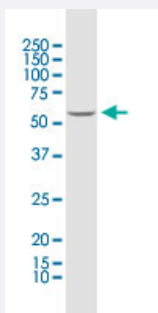
Size 100 ug

Applications



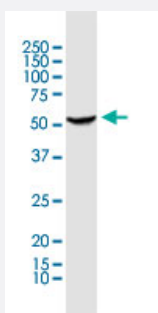
Western Blot (Tissue lysate)

PRPF31 monoclonal antibody (M02), clone 8E1. Western Blot analysis of PRPF31 expression in human liver.



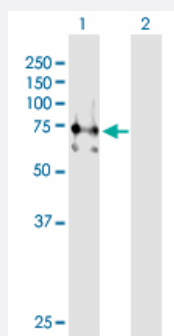
Western Blot (Cell lysate)

PRPF31 monoclonal antibody (M02), clone 8E1. Western Blot analysis of PRPF31 expression in PC-12.



Western Blot (Cell lysate)

PRPF31 monoclonal antibody (M02), clone 8E1. Western Blot analysis of PRPF31 expression in K-562.



Western Blot (Transfected lysate)

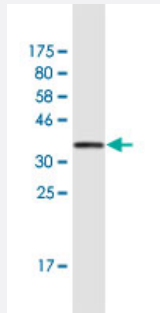
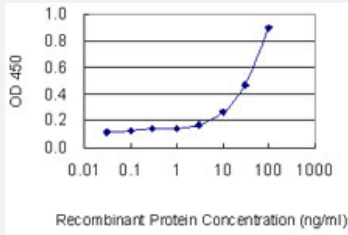
Western Blot analysis of PRPF31 expression in transfected 293T cell line by PRPF31 monoclonal antibody (M02), clone 8E1.

Lane 1: PRPF31 transfected lysate (Predicted MW: 60.01 KDa).

Lane 2: Non-transfected lysate.

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PRPF31 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PRPF31.
Immunogen	PRPF31 (NP_056444, 400 a.a. ~ 499 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GKSGSGRVRQTQVNEATKARISKTLQRTLQKQSVVYGGKSTIRDRSSGTASSVAFTPLQGLEINP QAAEKKVAEANQKYFSSMAEFLKVKGEKSGLMST
Host	Mouse
Reactivity	Human, Rat
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

PRPF31 monoclonal antibody (M02), clone 8E1. Western Blot analysis of PRPF31 expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

PRPF31 monoclonal antibody (M02), clone 8E1. Western Blot analysis of PRPF31 expression in PC-12.

[Protocol Download](#)

- Western Blot (Cell lysate)

PRPF31 monoclonal antibody (M02), clone 8E1. Western Blot analysis of PRPF31 expression in K-562.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PRPF31 expression in transfected 293T cell line by PRPF31 monoclonal antibody (M02), clone 8E1.

Lane 1: PRPF31 transfected lysate (Predicted MW: 60.01 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PRPF31 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PRPF31

Entrez GeneID	26121
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GeneBank Accession#	NM_015629
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Protein Accession#	NP_056444
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Gene Name	PRPF31
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Gene Alias	DKFZp566J153, NY-BR-99, PRP31, RP11
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Gene Description	PRP31 pre-mRNA processing factor 31 homolog (S. cerevisiae)
Omim ID	600138 606419
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a component of the spliceosome complex and is one of several retinitis pigmentosa-causing genes. When the gene product is added to the spliceosome complex, activation occurs
Other Designations	OTTHUMP00000068806 pre-mRNA processing factor 31 homolog

Publication Reference

- [An integrative analysis of colon cancer identifies an essential function for PRPF6 in tumor growth.](#)

Adler AS, McClelland ML, Yee S, Yaylaoglu M, Hussain S, Cosino E, Quinones G, Modrusan Z, Seshagiri S, Torres E, Chopra VS, Haley B, Zhang Z, Blackwood EM, Singh M, Junttila M, Stephan JP, Liu J, Pau G, Fearon ER, Jiang Z, Firestein R.

Genes & Development 2014 May; 28(10):1068.

Application: WB, Human, COLO 678, HCA-7, HT55, SW948, SK-CO-1, CL-40, DLD-1, SW620, LS1034, C2BBc1, RKO, KM-12, SW1463, HCT-15, SW1417, SW48, SW837 cells

Disease

- [Retinal Diseases](#)
- [Retinitis Pigmentosa](#)