

## Goat anti-RP11 / PRPF31 Antibody

<b>Item Number</b>	dAP-0076
<b>Target Molecule</b>	Principle Name: RP11 / PRPF31; Official Symbol: PRPF31; All Names and Symbols: PRPF31; PRP31 pre-mRNA processing factor 31 homolog (yeast); RP11; PRP31; NY-BR-99; DKFZp566J153; pre-mRNA processing factor 31 homolog (yeast); Protein 61K; PRP31 pre-mRNA processing factor 31 homolog (S. cerevisiae); pre-mRNA processing factor 31 homolog; Accession Number (s): NP_056444.3; Human Gene ID(s): 26121; Non-Human GeneID(s):
<b>Immunogen</b>	LKVKGEKSGLMST, is from C Terminus
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	Western Blot: Approx 60kDa band observed in lysates of cell line A431 (calculated MW of 55.4kDa according to NP_056444.3. Recommended concentration: 0.3-1.0µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Makarova OV, Makarov EM, Liu S, Vornlocher HP, Luhrmann R. Protein 61K, encoded by a gene (PRPF31) linked to autosomal dominant retinitis pigmentosa, is required for U4/U6*U5 tri-snRNP formation and pre-mRNA splicing. EMBO J. 2002 Mar 1;21(5):1148-57..PMID: 11867543->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**