

## Goat anti-PRPF31 Antibody

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| <b>Item Number</b>     | dAP-0994  |
| <b>Target Molecule</b> | Principle Name: PRPF31; Official Symbol: PRPF31; All Names and Symbols: PRPF31; PRP31 pre-mRNA processing factor 31 homolog (S. cerevisiae); DKFZp566J153; NY-BR-99; PRP31; RP11 ; PRP31 pre-mRNA processing factor 31 homolog (yeast); pre-mRNA processing factor 31 homolog; pre-mRNA processing factor 31 homolog (yeast) ; Accession Number (s): NP_056444.3; Human Gene ID(s): 26121; Non-Human GeneID(s): 68988 (mouse) |
| <b>Immunogen</b>       | KELGNSLDKCKNNEN, is from internal region  |
| <b>Applications</b>    | Pep ELISA, WB<br>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.<br>Aliquot and store at -20°C. Minimize freezing and thawing.  |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 128000.   |
| <b>Western Blot</b>    | Western Blot: Approx 60kDa band observed in lysates of cell lines A431 and HeLa (calculated MW of 55.4kDa according to NP_056444.2). Recommended concentration: 1-3µg/ml.<br>An additional band of unknown identity was also consistently observed at 35kDa. Thi  |
| <b>IHC</b>             |   |
| <b>Reference</b>       | Reference(s): Yuan L, Kawada M, Havlioglu N, Tang H, Wu JY. Mutations in PRPF31 inhibit pre-mRNA splicing of rhodopsin gene and cause apoptosis of retinal cells. J Neurosci. 2005 Jan 19;25(3):748-57.<br>.PMID: 15659613 ->   |

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**