

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB07513 - Goat Anti-PRPF31 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** 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)

**Official Symbol:** PRPF31

**Accession Number(s):** NP\_056444.3

**Human GeneID(s):** [26121](#)

**Non-Human GeneID(s):** 68988 (mouse)

### Immunogen

Peptide with sequence KELGNSLDKCKNNEN, from the internal region of the protein sequence according to NP\_056444.3.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:128000.

**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. An additional band of unknown identity was also consistently observed at 35kDa. This band was successfully blocked by incubation with the immunising peptide. Also a band of 28kDa was consistently observed, however this band was not blocked by the immunizing peptide and it is therefore a non-specific signal. We call for caution when used for other assays than Western blot.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow



EB07513 (1µg/ml) staining of HeLa cell lysate (35µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.