



## UK Office

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

## EB12164 - Goat Anti-Prdm9 (rat aa440-451) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Prdm9, PR domain containing 9, Prdm7, PR domain containing 7, PR domain zinc finger protein 9, PR domain-containing protein 9, histone-lysine N-methyltransferase PRDM9

**Official Symbol:** Prdm9

**Accession Number(s):** NP\_001102373.2

**Non-Human GeneID(s):** 365155 (rat)

### Immunogen

Peptide with sequence C-QEHFDSQNKNDK, from the internal region of the protein sequence according to NP\_001102373.2.

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 90kDa band observed in Rat Ovary lysates (calculated MW of 92.6kDa according to NP\_001102373.2). Recommended concentration: 2-3µg/ml.

### Species Reactivity

**Tested:** Rat

**Expected from sequence similarity:** Rat

EB12164 (2µg/ml) staining of Rat Ovary lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.