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# EB12306 - Goat Anti-Cyp2r1 (mouse aa405-418) Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** CYP2R1, cytochrome P450, family 2, subfamily R, polypeptide 1, cytochrome P450 2R1, cytochrome P450, family 2, R1, vitamin D 25-hydroxylase

Official Symbol: CYP2R1

Accession Number(s): NP\_796356.2

Human GenelD(s): 120227

Non-Human GenelD(s): 244209 (mouse), 361631 (rat)

### **Immunogen**

Peptide with sequence C-YSVHFDEKYWKDPD, from the internal region of the protein sequence according to NP\_796356.2.

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**

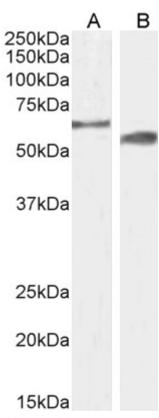
Peptide ELISA: antibody detection limit dilution 1:1000.

Western blot: Approx 60kDa band observed in Mouse Testis and approx 55-60kDa in Rat Testis lysates (calculated MW of 57.3kDa according to Mouse NP\_796356.2 and 54.2kDa according to Rat XP\_006230144.1). Recommended concentration: 1-3μg/ml. Primary incubation 1 hour at room temperature.

## **Species Reactivity**

Tested: Mouse, Rat

Expected from sequence similarity: Mouse, Rat



EB12306 (2μg/ml) staining of Mouse (A) and Rat (B) Testes lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.