

#### **International Office**

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# EB09170 - Goat Anti-BRD4 Antibody

Size: 100µg specific antibody in 200µl



#### **Target Protein**

**Principal Names:** BRD4, bromodomain containing 4, CAP, HUNK1, HUNKI, MCAP, bromodomain-containing 4, bromodomain-containing protein 4, chromosome-associated

Official Symbol: BRD4

Accession Number(s): NP\_490597.1; NP\_055114.1

Human GeneID(s): 23476

Important Comments: This antibody is expected to recognize both reported isoforms

(NP\_490597.1; NP\_055114.1).

### Immunogen

Peptide with sequence C-PETSNPNKPKRQTNQ, from the internal region (near N Terminus) of the protein sequence according to NP\_490597.1; NP\_055114.1.

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 1:8000.

**Western blot:** Approx 150kDa band observed in Mouse Testis lysates (calculated MW of 155.8kDa according to Mouse NP\_065254.3). Recommended concentration:  $0.5 - 2\mu g/ml$ . Primary incubation was 1 hour.

# **Species Reactivity**

Tested: Mouse

Expected from sequence similarity: Human, Mouse, Rat, Dog

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB09170 (1 $\mu$ g/ml) staining of Mouse Testes lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.