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

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 protein

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 -2µg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Mouse

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

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