

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre 77 Heyford Park

Upper Heyford
Oxfordshire
OX25 5HD

Enquiries:

info@everestbiotech.com

Sales:

UK

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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

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

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