

# BRD4 Rabbit Polyclonal Antibody



CAB2249

## Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

200kDa

**Calculated MW:**

80kDa/88kDa/152kDa

**Applications:**

WB IHC IF

**Reactivity:**

Human, Mouse, Rat

## Protein Background

The protein encoded by this gene is homologous to the murine protein MCAP, which associates with chromosomes during mitosis, and to the human RING3 protein, a serine/threonine kinase. Each of these proteins contains two bromodomains, a conserved sequence motif which may be involved in chromatin targeting. This gene has been implicated as the chromosome 19 target of translocation t(15;19)(q13;p13.1), which defines an upper respiratory tract carcinoma in young people. Two alternatively spliced transcript variants have been described.

## Immunogen information

**Gene ID:**

23476

**Uniprot**

O60885

**Synonyms:**

BRD4; CAP; HUNK1; HUNK1; MCAP

## Antibody Information

**Recommended dilutions:**

WB 1:500 - 1:2000 IHC 1:50  
- 1:200 IF 1:50 - 1:200

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen:**

A synthetic peptide corresponding to a sequence within amino acids 1100-1200 of human BRD4 (NP\_490597.1).

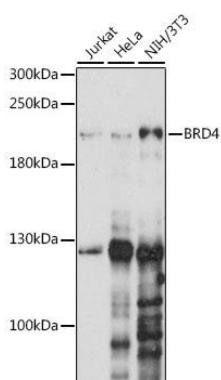
**Storage:**

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

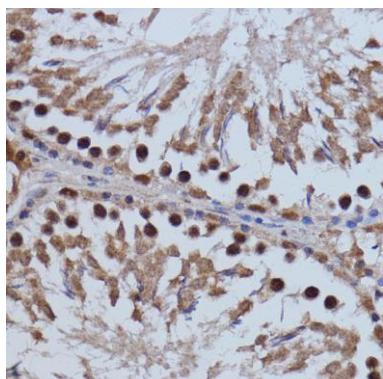
**Purification:**

Affinity purification

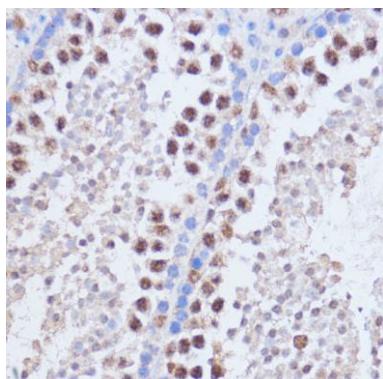
## Product Images



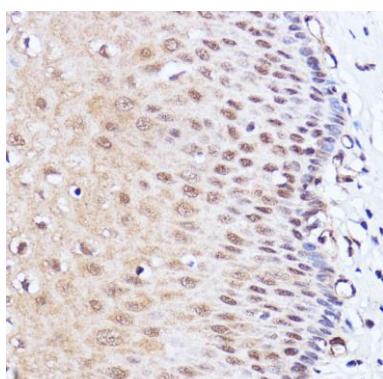
Western blot analysis of extracts of various cell lines, using BRD4 antibody (CAB2249) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunohistochemistry of paraffin-embedded rat testis using BRD4 antibody (CAB2249) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse testis using BRD4 antibody (CAB2249) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human esophageal using BRD4 antibody (CAB2249) at dilution of 1:100 (40x lens).