

Datasheet for ABIN2461848

anti-BRD4 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	BRD4
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRD4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human BRD4.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	BRD4
Alternative Name:	BRD4 (BRD4 Products)
Background:	BRD4 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. 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

Target Details

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.

Molecular Weight: 80 kDa, 152 kDa

Gene ID: 23476

NCBI Accession: [NP_055114](#)

Pathways: [Chromatin Binding](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: BRD4 antibody can be used for detection of BRD4 by ELISA at 1:1562500. BRD4 antibody can be used for detection of BRD4 by western blot at 1.0 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.

Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store BRD4 antibody at -20 °C.



Western Blotting

Image 1.