

Datasheet for ABIN5027061
anti-BRD4 antibody (AA 140-500)



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Overview

Quantity:	100 µg
Target:	BRD4
Binding Specificity:	AA 140-500
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRD4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A partial length recombinant BRD4 protein (amino acids 140-500) was used as the immunogen for this antibody.
Isotype:	IgG
Purification:	Protein A Chromatography

Target Details

Target:	BRD4
Alternative Name:	BRD4, HUNK1 (BRD4 Products)
Background:	BRD4 is a member of the BET (bromo domain and extra terminal domain) family, along with BRD2, BRD3 and BRDT. BRD4 is required to form the transcriptionally active P-TEFb complex by displacing negative regulators such as HEXIM1 and 7SKsnRNA complex from P-TEFb, thereby

Target Details

transforming it into an active form that can then phosphorylate the C-terminal domain (CTD) of RNA polymerase II. A chromosomal aberration involving BRD4 is found in a rare, aggressive and lethal carcinoma arising in midline organs of young people. It expressed ubiquitously and has three isoforms. Isoform B acts as a chromatin insulator in the DNA damage response pathway.

Molecular Weight:	88 kDa
Gene ID:	23476
UniProt:	O60885
Pathways:	Chromatin Binding , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB: 2-4 µg/mL This antibody detects ~80 kDa band. The size corresponds to Isoform 2 (Uniprot ID-O60885-2) of BRD4, HUNK1, the right size is ~152 kDa O60885 O60885
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	PBS containing 0.05 % BSA, PH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

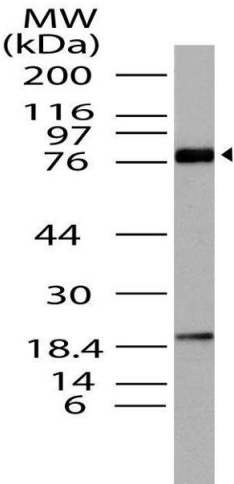


Image 1.