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Datasheet for ABIN1678901
anti-BRD3 antibody (AA 150-305)

2 Images

Overview

Quantity:	100 µg
Target:	BRD3
Binding Specificity:	AA 150-305
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRD3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 150-305 of human BRD3 (NP_031397.1).
Sequence:	PAPKGKGRKP AAGAQSAGTQ QVAAVSSVSP ATPFQSVPT VSQTPVIAAT PVPTITANVT SVPVPPAAAP PPPATPIVPV VPPTPPVVKK KGVKRKADTT TPTTSAITAS RSESPPLSD PKQAKVVARR ESGGRPIKPP KKDLEDGEVP QHAGKK
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

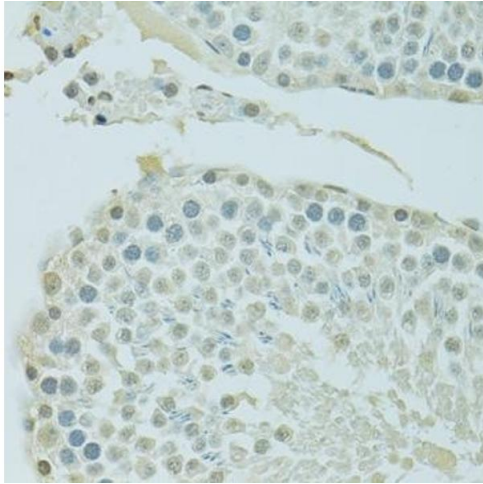
Target:	BRD3
Alternative Name:	BRD3 (BRD3 Products)
Background:	This gene was identified based on its homology to the gene encoding the RING3 protein, a serine/threonine kinase. The gene localizes to 9q34, a region which contains several major histocompatibility complex (MHC) genes. The function of the encoded protein is not known.,BRD3,ORFX,RING3L,Epigenetics & Nuclear Signaling,Signal Transduction,Kinase,BRD3
Molecular Weight:	60 kDa/79 kDa
Gene ID:	8019
UniProt:	Q15059
Pathways:	Chromatin Binding

Application Details

Application Notes:	WB,1:500 - 1:1000,IHC,1:50 - 1:100,IF,1:50 - 1:100
Restrictions:	For Research Use only

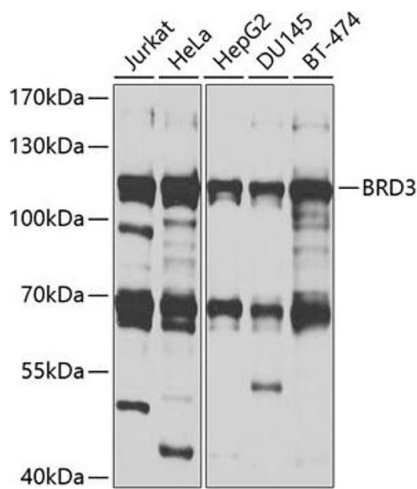
Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded rat testis using BRD3 antibody (ABIN1678901, ABIN3015924, ABIN3015926 and ABIN6219475) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using BRD3 antibody (ABIN1678901, ABIN3015924, ABIN3015926 and ABIN6219475) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.