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Datasheet for ABIN6242212 anti-BRD7 antibody (AA 387-418)

2 Images



Overview

Quantity:	400 µL
Target:	BRD7
Binding Specificity:	AA 387-418
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRD7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This MOUSE Brd7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 387-418 amino acids from the Central region of human MOUSE Brd7.
Clone:	RB43270
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	

Target:	BRD7
Alternative Name:	Brd7 (BRD7 Products)

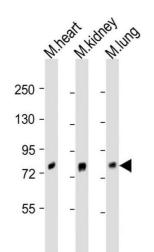
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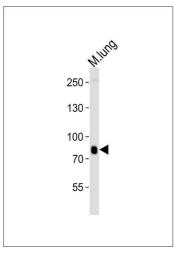
Target Details

Background:	Acts both as coactivator and as corepressor. May play a role in chromatin remodeling.
	Transcriptional corepressor that down-regulates the expression of target genes. Binds to target
	promoters, leading to increased histone H3 acetylation at 'Lys-9' (H3K9ac). Binds to the ESR1
	promoter. Recruits BRCA1 and POU2F1 to the ESR1 promoter. Coactivator for TP53-mediated
	activation of transcription of a set of target genes. Required for TP53-mediated cell-cycle arrest
	in response to oncogene activation. Promotes acetylation of TP53 at 'Lys-382', and thereby
	promotes efficient recruitment of TP53 to target promoters. Inhibits cell cycle progression from
	G1 to S phase (By similarity). Activator of the Wnt signaling pathway in a DVL1-dependent
	manner by negatively regulating the GSK3B phosphotransferase activity. Induces
	dephosphorylation of GSK3B at 'Tyr-216'. Down-regulates TRIM24- mediated activation of
	transcriptional activation by AR.
Molecular Weight:	74000
UniProt:	088665
Application Details	
Application Notes:	WB: 1:1000. WB: 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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
Expiry Date:	6 months





Western Blotting

Image 1. All lanes : Anti-Brd7 Antibody (Center) at 1:2000 dilution Lane 1: mouse heart lysate Lane 2: mouse kidney lysate Lane 3: mouse lung lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 74 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Western Blotting

Image 2. Western blot analysis of lysate from mouse lung tissue lysate, using MOUSE Brd7 Antibody (Center) (ABIN6242212 and ABIN6577594). (ABIN6242212 and ABIN6577594) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 35 µg.

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