Datasheet for ABIN6137650

anti-BRD1 antibody (AA 1-250)

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1 Image

Overview

Quantity:	100 µL
Target:	BRD1
Binding Specificity:	AA 1-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRD1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human BRD1 (NP_055392.1).
Sequence:	MRRKGRCHRG SAARHPSSPC SVKHSPTRET LTYAQAQRMV EIEIEGRLHR ISIFDPLEII LEDDLTAQEM SECNSNKENS ERPPVCLRTK RHKNNRVKKK NEALPSAHGT PASASALPEP KVRIVEYSPP SAPRRPPVYY KFIEKSAEEL DNEVEYDMDE EDYAWLEIVN EKRKGDCVPA VSQSMFEFLM DRFEKESHCE NQKQGEQQSL IDEDAVCCIC MDGECQNSNV ILFCDMCNLA VHQECYGVPY
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

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Target Details

Target:	BRD1
Alternative Name:	BRD1 (BRD1 Products)
Background:	This gene encodes a bromodomain-containing protein that localizes to the nucleus and can interact with DNA and histone tails. The encoded protein is a component of the MOZ/MORF acetyltransferase complex and can stimulate acetylation of histones H3 and H4, thereby potentially playing a role in gene activation. Variation in this gene is associated with schizophrenia and bipolar disorder in some study populations. Alternative splicing results in multiple transcript variants.,BRD1,BRL,BRPF1,BRPF2,Epigenetics & Nuclear Signaling,BRD1
Molecular Weight:	119 kDa/133 kDa
Gene ID:	23774
UniProt:	O95696

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
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.

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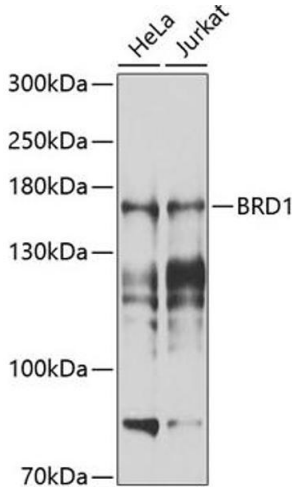

Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using BRD1 antibody (ABIN6129213, ABIN6137650, ABIN6137651 and ABIN6225205) 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: 1s.

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