

## BRD8 antibody

### Product Information

Catalog No.:	FNab00949
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

May act as a coactivator during transcriptional activation by hormone-activated nuclear receptors(NR). Isoform 2 stimulates transcriptional activation by AR/DHTR, ESR1/NR3A1, RXRA/NR2B1 and THRB/ERBA2. At least isoform 1 and isoform 2 are components of the NuA4 histone acetyltransferase(HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome-DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when recruited to sites of DNA damage. Component of a SWR1-like complex that specifically mediates the removal of histone H2A.Z/H2AFZ from the nucleosome.

### Immunogen information

Immunogen:	bromodomain containing 8
Synonyms:	Bromodomain-containing protein 8 Skeletal muscle abundant protein Skeletal muscle abundant protein 2 Thyroid hormone receptor coactivating protein of 120 kDa (TrCP120) p120 BRD8 SMAP SMAP2
Observed MW:	120 kDa
Uniprot ID :	Q9H0E9

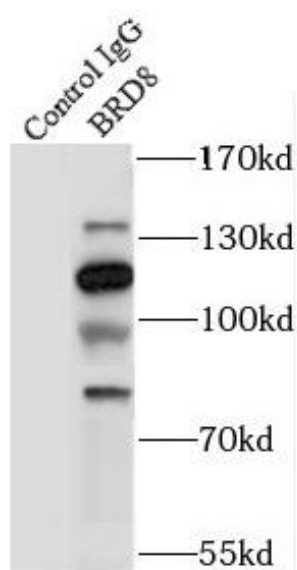
## Application

Reactivity: Human

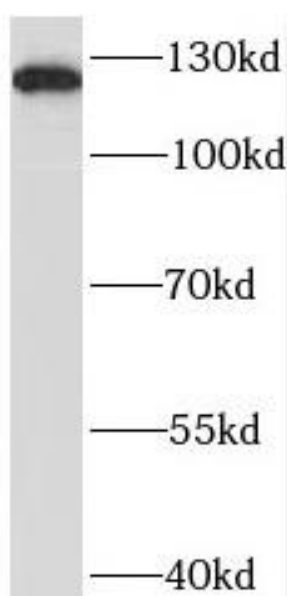
Tested Application: ELISA, WB, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:500-1:1000

Image:



IP Result of anti-BRD8 (IP:FNab00949, 4ug;  
Detection:FNab00949 1:300) with HeLa cells  
lysate 1200ug.



HeLa cells were subjected to SDS PAGE followed  
by western blot with FNab00949(BRD8 antibody)  
at dilution of 1:500