

**BRD8 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58413****Specification**

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**BRD8 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	<a href="#">O9H0E9</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	135336

**BRD8 Polyclonal Antibody - Additional Information****Gene ID** 10902**Other Names**

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

**Dilution**

<span class = "dilution\_WB">WB~1:1000</span><br \><span class = "dilution\_IHC-P">IHC-P~N/A</span><br \><span class = "dilution\_IHC-F">IHC-F~N/A</span><br \><span class = "dilution\_IF">IF~1:50~200</span><br \><span class = "dilution\_E">E~N/A</span>

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**BRD8 Polyclonal Antibody - Protein Information****Name** BRD8**Synonyms** SMAP, SMAP2**Function**

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/H2AZ1 from the nucleosome.

**Cellular Location**

Nucleus.

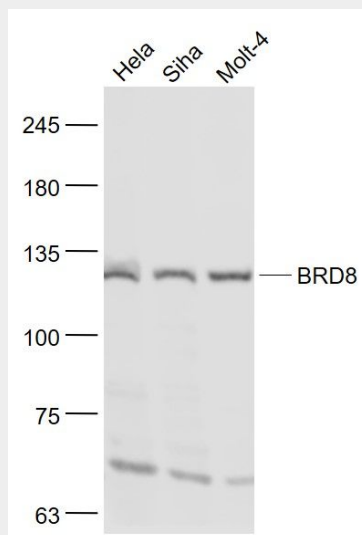
**Tissue Location**

Expressed in adipose tissue, brain, heart, kidney, liver, lung, pancreas, placenta and skeletal muscle

**BRD8 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**BRD8 Polyclonal Antibody - Images****Sample:**

HeLa(Human) Cell Lysate at 30 ug

SiHa(Human) Cell Lysate at 30 ug

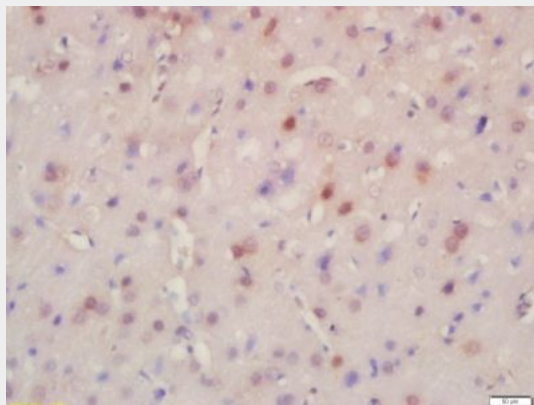
Molt-4(Human) Cell Lysate at 30 ug

Primary: Anti- BRD8 (bs-6290R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 135 kD

Observed band size: 130 kD



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-BRD8 Polyclonal Antibody, Unconjugated(bs-6290R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining