

For Research Use Only

# SMARCD2 Polyclonal antibody

Catalog Number: 11156-1-AP



## Basic Information

<b>Catalog Number:</b> 11156-1-AP	<b>GenBank Accession Number:</b> BC018953	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6603	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 52 kDa	
<b>Immunogen Catalog Number:</b> AG1630	<b>Observed MW:</b> 52 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : RAW 264.7 cells, RAW264.7 cells
<b>Species Specificity:</b> human, mouse, rat	<b>IHC :</b> human cervical cancer tissue,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

The SWI/SNF chromatin remodelling complexes are important regulators of transcription; they consist of large multisubunit assemblies containing either Brm or Brg1 as the catalytic ATPase subunit and a variable subset of approximately 10 Brg/Brm-associated factors (BAF) [PMID:20148946]. SMARCD2 is one of BAF 60 proteins, which are found in most complexes, is thought to bridge interactions between transcription factors and SWI/SNF complexes. [PMID:9427560]

## Storage

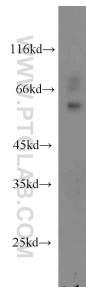
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

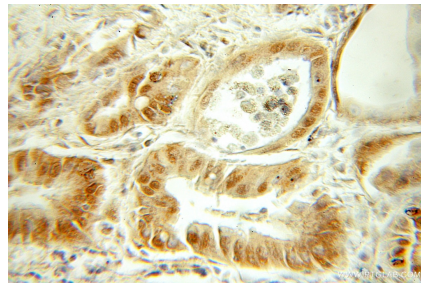
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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## Selected Validation Data



RAW264.7 cells were subjected to SDS PAGE followed by western blot with 11156-1-AP (SMARCD2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human cervical cancer using 11156-1-AP (SMARCD2 antibody) at dilution of 1:50 (under 10x lens).