

## Anti-SMARCD1 Rabbit pAb



WLH4595

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-SMARCD1 Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Mouse, Rat, Rabbit	
<b>Tested applications</b>	Immunohistochemistry	1:100-1:400
	Immunofluorescence	1:100-1:400
	<i>*Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.</i>	
<b>Pack size</b>	50/100/200/500/1000µl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

## General Information

<b>Background</b>	SMARCD1 belongs to the nuclear SWI/SNF chromatin remodeling complex, which regulates transcription and interacts with nucleolin in the nucleus. In addition, it's a member of the neural progenitors-specific chromatin remodeling complex (npBAF complex) and the neuron-specific chromatin remodeling complex (nBAF complex). SMARCD1 has a strong influence on the Vitamin D-mediated transcriptional activity from an enhancer Vitamin D receptor element (VDRE).
<b>Immunogen</b>	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of SMARCD1.
<b>Purification</b>	Polyclonal antibody was purified by immunoge affinity chromatography.

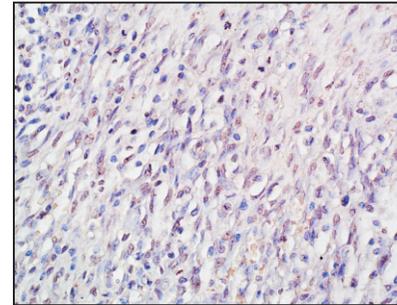
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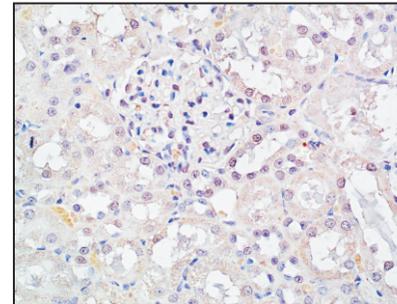
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## Product Images



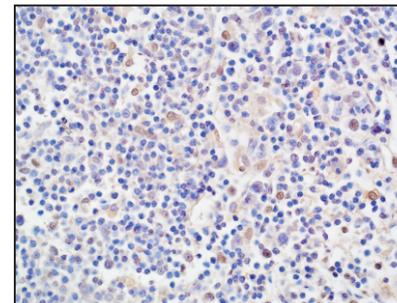
## Immunohistochemistry-Anti-SMARCD1 pAb

**Sample:** Rat uterus tissue  
**Antigen retrieval:** pH 9.0 Tris-EDTA buffer  
**Primary antibody:** 1:200, 4°C, overnight  
**Secondary antibody-Biotin:** 1:150, 37°C, 1h  
**Streptavidin-HRP:** 1:200, 37°C, 30min  
**Visualization:** DAB



## Immunohistochemistry-Anti-SMARCD1 pAb

**Sample:** Rat kidney tissue  
**Antigen retrieval:** pH 9.0 Tris-EDTA buffer  
**Primary antibody:** 1:200, 4°C, overnight  
**Secondary antibody-Biotin:** 1:150, 37°C, 1h  
**Streptavidin-HRP:** 1:200, 37°C, 30min  
**Visualization:** DAB



## Immunohistochemistry-Anti-SMARCD1 pAb

**Sample:** Rabbit thymus tissue  
**Antigen retrieval:** pH 9.0 Tris-EDTA buffer  
**Primary antibody:** 1:200, 4°C, overnight  
**Secondary antibody-Biotin:** 1:150, 37°C, 1h  
**Streptavidin-HRP:** 1:200, 37°C, 30min  
**Visualization:** DAB

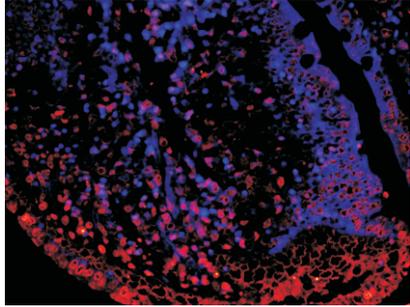
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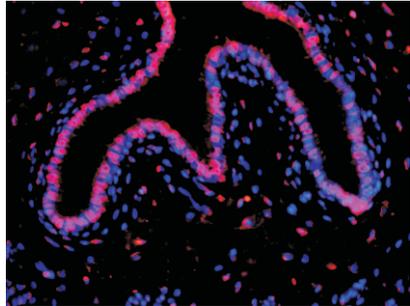


#### Immunofluorescence-Anti-SMARCD1 pAb

Sample: Mouse intestine tissue

Primary antibody: 1:200, 4°C, overnight

Secondary antibody-CY3: 1:200, at room temperature, 1h



#### Immunofluorescence-Anti-SMARCD1 pAb

Sample: Rat uterus tissue

Primary antibody: 1:200, 4°C, overnight

Secondary antibody-CY3: 1:200, at room temperature, 1h