

## Anti-VHL Rabbit pAb



WL01235

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-VHL Rabbit pAb		
<b>Source</b>	Rabbit		
<b>Species reactivity</b>	Human, Mouse, Rat		
<b>Tested applications</b>	WB	1:1000-1:2000	
	IHC	1:200-1:400	
	IF	1:500	
<b>Cellular localization</b>	Cytoplasm. Membrane. Nucleus		
<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>	The Von Hippel-Lindau (VHL) protein is a substrate recognition component of an E3 ubiquitin ligase complex containing elongin BC (TCEB1 and TCEB2), cullin 1 (CUL1), and RING-box protein 1 (RBX1). The ability of VHL to block Elongin function may play a role in normal cell growth regulation. The product of the VHL gene has multiple reported functions, the best characterized of which is its role as the recognition component of an ubiquitin E3 ligase complex responsible for mediating oxygen-dependent destruction of hypoxia-inducible factor-alpha (HIF-alpha) subunits. Interactions with elongin BC, RPB1, RPB7 and the pVHL-associated KRAB-A domain containing protein (VHLaK) suggest that VHL may also play a more direct role in transcriptional repression.
<b>Immunogen</b>	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of VHL.
<b>Purification</b>	Polyclonal antibody was purified by Protein A affinity chromatography.

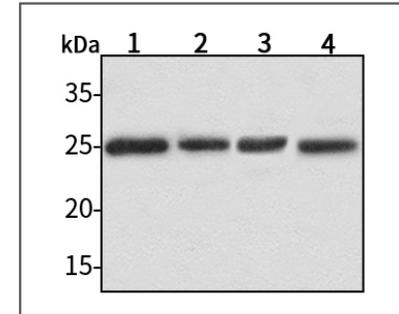
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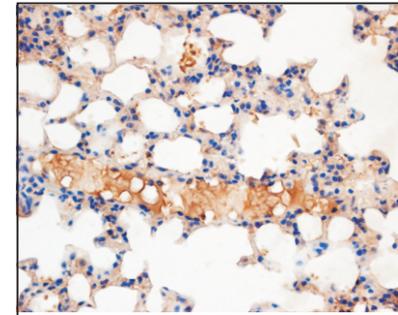
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## Product Images



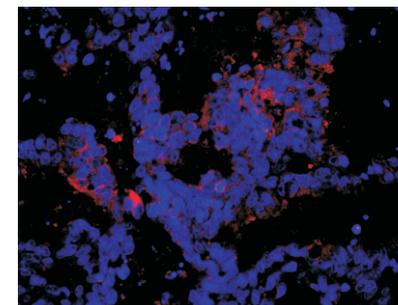
## Western blot-Anti-VHL pAb

Lane 1: Mouse kidney tissue lysate  
 Lane 2: Mouse stomach tissue lysate  
 Lane 3: Rat spleen tissue lysate  
 Lane 4: Rat colon tissue lysate  
 All lanes: Anti-VHL at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 20 kDa  
 Observed band size: 24 kDa



## Immunohistochemistry-Anti-VHL pAb

Immunohistochemical analysis of paraffin-embedded mouse lung (LPS treated) tissue using anti-VHL Rabbit Antibody at 1:300 dilution.  
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



## Immunofluorescence-Anti-VHL pAb

Immunofluorescence analysis of paraffin-embedded human rectum cancer using anti-VHL Rabbit Antibody at 1:500 dilution.  
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

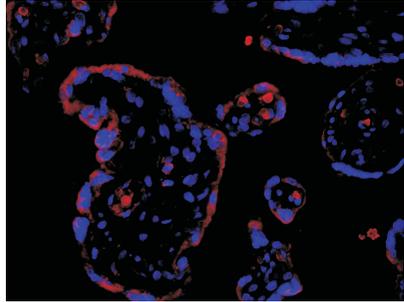
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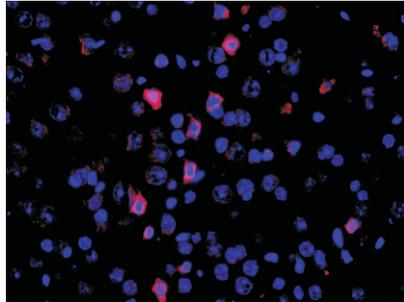
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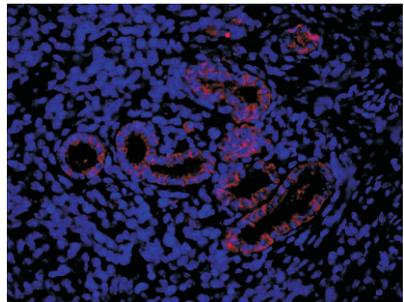
#### Immunofluorescence-Anti-VHL pAb

Immunofluorescence analysis of paraffin-embedded human eclampsia placenta using anti-VHL Rabbit Antibody at 1:500 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunofluorescence-Anti-VHL pAb

Immunofluorescence analysis of paraffin-embedded mouse brain using anti-VHL Rabbit Antibody at 1:500 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunofluorescence-Anti-VHL pAb

Immunofluorescence analysis of paraffin-embedded mouse uterus using anti-VHL Rabbit Antibody at 1:500 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

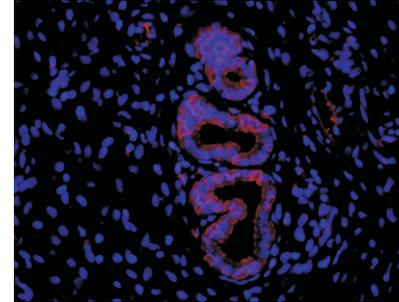
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#### Immunofluorescence-Anti-VHL pAb

Immunofluorescence analysis of paraffin-embedded mouse uterus using anti-VHL Rabbit Antibody at 1:500 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0