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Datasheet for ABIN390462 anti-VHL antibody (N-Term)

Images



Overview

Quantity:	200 µL
Target:	VHL
Binding Specificity:	AA 43-71, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VHL antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF),
	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen.	This VHL antibody is generated from rabbits immunized with a KLH conjugated synthetic

Immunogen:	This VHL antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 43-71 amino acids from the N-terminal region of human VHL.
Clone:	RB18667
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	

Target:

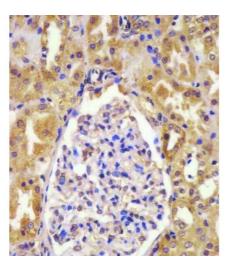
VHL

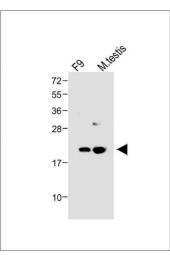
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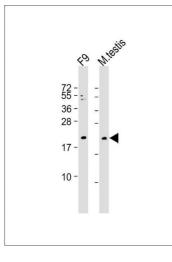
Target Details		
Alternative Name:	VHL (VHL Products)	
Background:	Von Hippel-Lindau syndrome (VHL) is a dominantly inherited familial cancer syndrome predisposing to a variety of malignant and benign tumors. A germline mutation of VHL gene is the basis of familial inheritance of VHL syndrome. The protein is a component of the protein complex that includes elongin B, elongin C, and cullin-2, and possesses ubiquitin ligase E3 activity. This protein is involved in the ubiquitination and degradation of hypoxia-inducible-factor (HIF), which is a transcription factor that plays a central role in the regulation of gene expression by oxygen. RNA polymerase II subunit POLR2G/RPB7 is also reported to be a target of this protein.	
Molecular Weight:	24153	
Gene ID:	7428	
NCBI Accession:	NP_000542, NP_937799	
UniProt:	P40337	
Pathways:	Tube Formation, Signaling Events mediated by VEGFR1 and VEGFR2, Ubiquitin Proteasome Pathway	
Application Details		
Application Notes:	WB: 1:1000. WB: 1:500. IF: 1:25. WB: 1:1000. WB: 1:2000. IHC-P: 1:25. IHC-P: 1:25	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. (ABIN390462 and ABIN2840832) staining VHL in human kidney tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0. 5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hours at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

Western Blotting

Image 2. All lanes : Anti-VHL Antibody (N-term) at 1:1000 dilution Lane 1: F9 whole cell lysate Lane 2: Mouse testis lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 24 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Western Blotting

Image 3. All lanes : Anti-VHL Antibody (N-term) at 1:500 dilution Lane 1: F9 whole cell lysate Lane 2: Mouse testis lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 24 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the product details page for more images. Overall 7 images are available for ABIN390462.

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