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anti-VHL antibody (AA 181-210)



Images



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Overview	
Quantity:	0.4 mL
Target:	VHL
Binding Specificity:	AA 181-210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VHL antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)
Product Details	
Immunogen:	A portion of amino acids 181-210 from the human protein was used as the immunogen for this
	VHL antibody.
Isotype:	Ig Fraction
Purification:	Purified
Target Details	
Target:	VHL
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

Target Details

	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.
UniProt:	P40337
Pathways:	Tube Formation, Signaling Events mediated by VEGFR1 and VEGFR2, Ubiquitin Proteasome

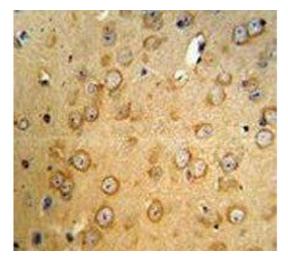
Application Details

Pathway

Application Notes:	Titration of the VHL antibody may be required due to differences in protocols and
	secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Flow
	Cytometry: 1:10-1:50
Restrictions:	For Research Use only

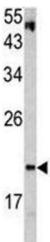
Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % 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:	-20 °C
Storage Comment:	Aliquot the VHL antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



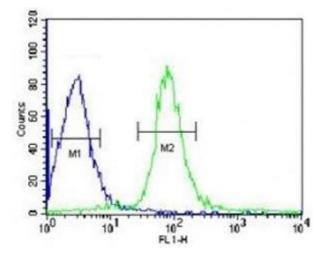
Immunohistochemistry

Image 1. VHL antibody IHC analysis in formalin fixed and paraffin embedded mouse brain tissue.



Western Blotting

Image 2. Western blot analysis of VHL antibody and HepG2 lysate.



Flow Cytometry

Image 3. VHL antibody flow cytometric analysis of HepG2 cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Please check the product details page for more images. Overall 5 images are available for ABIN3029606.