

## ARG64033 anti-VHL antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes VHL
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Dog
Tested Application	ELISA, IHC-P, WB
Specificity	This antibody is expected to recognise both reported isoforms (NP_000542.1 and NP_937799.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	VHL
Species	Human
Immunogen	C-RSLVKPENYRRLD
Conjugation	Un-conjugated
Alternate Names	VHL1; Von Hippel-Lindau disease tumor suppressor; pVHL; RCA1; HRCA1; Protein G7

### Application Instructions

Application table	Application	Dilution
	ELISA	1.5 - 3 µg/ml (detection Ab)
	IHC-P	5 µg/ml
	WB	0.01 - 0.03 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

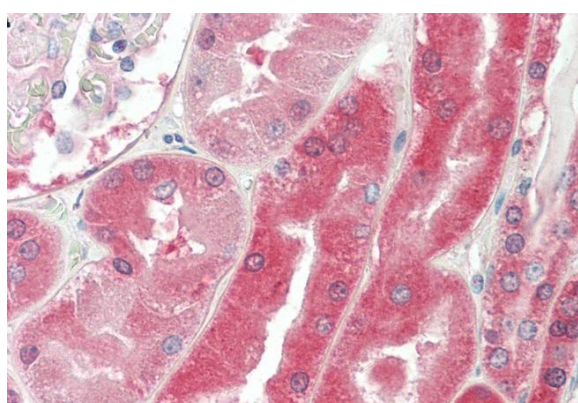
Background	Von Hippel-Lindau syndrome (VHL) is a dominantly inherited familial cancer syndrome predisposing to a variety of malignant and benign tumors. A germline mutation of this gene is the basis of familial inheritance of VHL syndrome. The protein encoded by this gene is a component of the protein 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. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Gene Regulation antibody; Metabolism antibody
Calculated Mw	24 kDa

## Images



ARG64033 anti-VHL antibody WB image

Western Blot: Human Ovary lysate (35 µg protein in RIPA buffer) stained with ARG64033 anti-VHL antibody at 0.01 µg/ml dilution.



ARG64033 anti-VHL antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human kidney tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64033 anti-VHL antibody at 5 µg/ml dilution followed by AP-staining.