

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

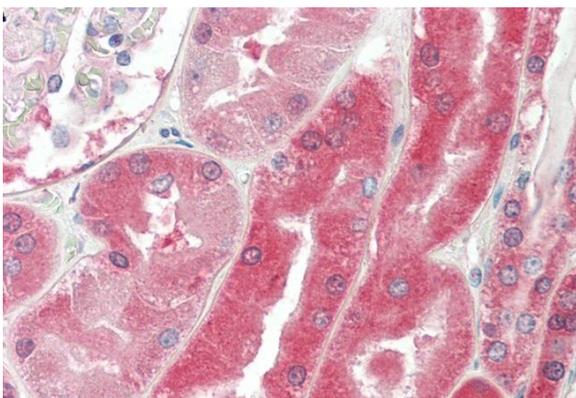
Background	Von Hippel-Lindau syndrome (VHL) is a dominantly inherited familial cancer syndrome predisposing to a variety of malignant and benign tumors. A germline mutation of this gene is the basis of familial inheritance of VHL syndrome. The protein encoded by this gene is a component of the protein 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.