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anti-VHLL antibody (N-Term)



Image



Overview

Quantity:	100 μL
Target:	VHLL
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VHLL antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human VHLL
Sequence:	PWRAGNGVGL EAQAGTQEAG PEEYCQEELG AEEEMAARAA WPVLRSVNSR
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against VHLL. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	VHLL
Alternative Name:	VHLL (VHLL Products)
Background:	Von Hippel-Lindau (VHL) tumor suppressor protein is a component of an E3 ubiquitin ligase

complex that selectively ubiquitinates the alpha subunit of the hypoxia-inducible factor (HIF) transcription factor for proteasome-mediated degradation. Inactivation of VHL causes VHL disease and sporadic kidney cancer. This gene encodes a VHL homolog that lacks one of two key domains necessary for VHL function. This gene may contribute to the regulation of oxygen homeostasis and neovascularization during placenta development. This gene is intronless, and can also be interpreted as a retrotransposed pseudogene of the VHL locus located on chromosome 3. However, the protein is represented in this RefSeq due to evidence in PMID:14757845 that strongly suggests it is translated. The same publication also indicates that this protein binds HIF alpha but fails to recruit the E3 ubiquitin ligase complex, and it therefore functions as a dominant-negative VHL protein and a protector of HIF alpha.

Alias Symbols: VHLP, VLP

Protein Interaction Partner: RBPMS, DAZAP2, HIF1A,

Protein Size: 139

Molecular Weight:	15 kDa
Gene ID:	391104
NCBI Accession:	NM_001004319, NP_001004319
UniProt:	Q6RSH7

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

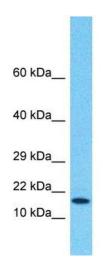
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
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Images



Host: Rabbit Target Name: VHLL

Sample Tissue: Hela Cell Lysate Antibody Dilution: 1.0µg/ml

Western Blotting

Image 1. Host: Rabbit Target Name: VHLL Sample Type: Hela Whole Cell lysates Antibody Dilution: 1.0ug/ml