

Datasheet for ABIN2791981
anti-VHLL antibody (N-Term)[Go to Product page](#)

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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 WPVLRVNSR
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

Target Details

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.

Images

