

Anti-VHL / Von Hippel Lindau Antibody (aa167-179)
Goat Anti Human Polyclonal Antibody
Catalog # ALS17856**Specification**

Anti-VHL / Von Hippel Lindau Antibody (aa167-179) - Product Information

Application	WB, IHC-P, E
Primary Accession	P40337
Predicted	Human, Mouse, Rat, Rabbit, Monkey, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	24153

Anti-VHL / Von Hippel Lindau Antibody (aa167-179) - Additional Information**Gene ID 7428**

Alias Symbol	VHL
Other Names	VHL, Elongin binding protein, HRCA1, RCA1, VHL1, Von Hippel-Lindau syndrome, Protein G7, PVHL

Target/Specificity

Human VHL. This antibody is expected to recognise both reported isoforms (NP_000542.1 and NP_937799.1).

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-VHL / Von Hippel Lindau Antibody (aa167-179) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-VHL / Von Hippel Lindau Antibody (aa167-179) - Protein Information**Name VHL****Function**

Involved in the ubiquitination and subsequent proteasomal degradation via the von Hippel-Lindau ubiquitination complex (PubMed:10944113, PubMed:17981124, PubMed:19584355). Seems to act as a target recruitment subunit in the E3 ubiquitin ligase complex and recruits hydroxylated hypoxia-inducible factor (HIF) under normoxic conditions (PubMed:10944113, PubMed:17981124). Involved in transcriptional repression through interaction with HIF1A, HIF1AN and histone deacetylases (PubMed:10944113, PubMed:17981124).

target="_blank">17981124). Ubiquitinates, in an oxygen-responsive manner, ADRB2 (PubMed:19584355). Acts as a negative regulator of mTORC1 by promoting ubiquitination and degradation of RPTOR (PubMed:34290272).

Cellular Location

[Isoform 1]: Cytoplasm. Cell membrane; Peripheral membrane protein. Endoplasmic reticulum. Nucleus. Note=Found predominantly in the cytoplasm and with less amounts nuclear or membrane-associated (PubMed:9751722) Colocalizes with ADRB2 at the cell membrane (PubMed:19584355)

Tissue Location

Expressed in the adult and fetal brain and kidney.

Anti-VHL / Von Hippel Lindau Antibody (aa167-179) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-VHL / Von Hippel Lindau Antibody (aa167-179) - Images