

VHL Rabbit pAb

Catalog No.: A0377 **4 Publications**

Basic Information

Catalog No.

A0377

Observed MW

24kDa

Calculated MW

18kDa/19kDa/24kDa

Category

Primary antibody

Applications

WB, IHC, IF

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:200
IF	1:50 - 1:200

Contact

 | www.abclonal.com

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.

Immunogen Information

Gene ID	Swiss Prot
7428	P40337

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-172 of human VHL (NP_937799.1).

Synonyms

VHL;HRCA1;RCA1;VHL1;pVHL;PVHL

Product Information

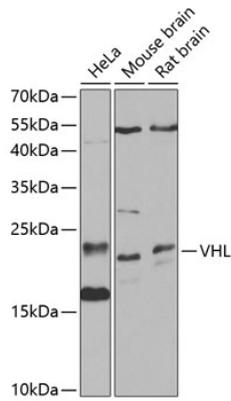
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

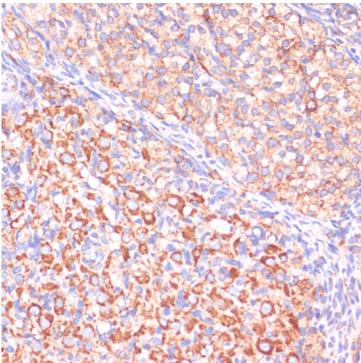
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

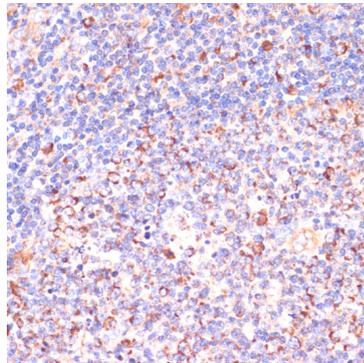
Validation Data



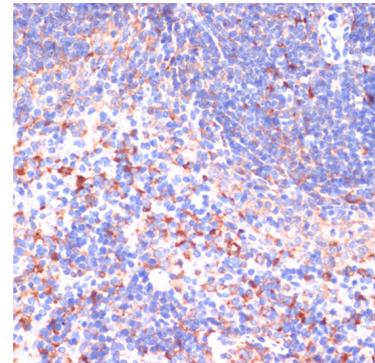
Western blot analysis of extracts of various cell lines, using VHL antibody (A0377) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



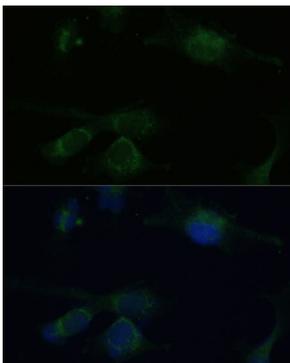
Immunohistochemistry of paraffin-embedded rat ovary using VHL antibody (A0377) at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded human tonsil using VHL antibody (A0377) at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using VHL antibody (A0377) at dilution of 1:200 (40x lens).



Immunofluorescence analysis of U-251 MG cells using VHL Polyclonal Antibody (A0377) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.