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# anti-VHL antibody





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Quantity:	200 μL
Target:	VHL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VHL antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

# **Product Details**

lmmunogen:	Recombinant fusion protein of human VHL (NP_937/99.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

# **Target Details**

Target:	VHL
Alternative Name:	VHL (VHL Products)
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

#### **Target Details**

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.

Gene ID: 7428

UniProt: P40337

Pathways: Tube Formation, Signaling Events mediated by VEGFR1 and VEGFR2, Ubiquitin Proteasome

Pathway

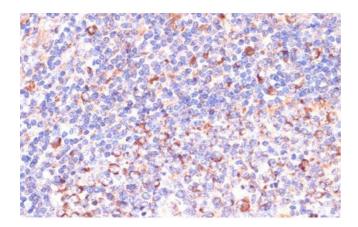
# **Application Details**

Application Notes: IHC 1:50-1:200 IF 1:50-1:200

Restrictions: For Research Use only

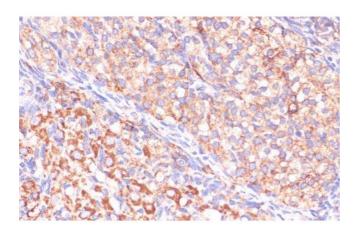
# Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



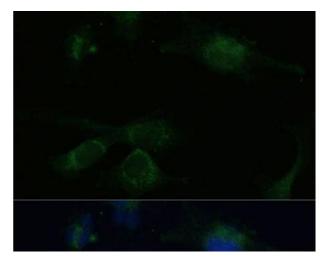
#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry of paraffin-embedded Human tonsil using VHL Polyclonal Antibody at dilution of 1:200 (40x lens).



#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 2.** Immunohistochemistry of paraffin-embedded Rat ovary using VHL Polyclonal Antibody at dilution of 1:200 (40x lens).



#### **Immunofluorescence**

**Image 3.** Immunofluorescence analysis of U-251 MG cells using VHL Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Please check the product details page for more images. Overall 4 images are available for ABIN7254899.