

Rabbit VHL Polyclonal Antibody | anti-VHL antibody

VHL Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA177075	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry

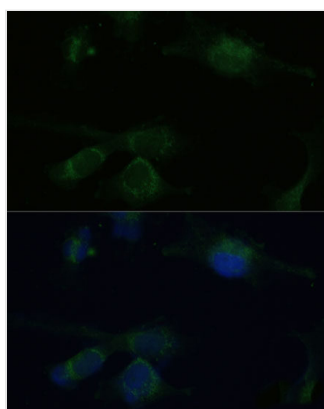
PRODUCT SYNONYMS

VHL; Polyclonal Antibody; VHL Polyclonal Antibody; HRCA1; RCA1; VHL1; pVHL; PVHL; anti-VHL antibody

PRODUCT SPECIFICATIONS

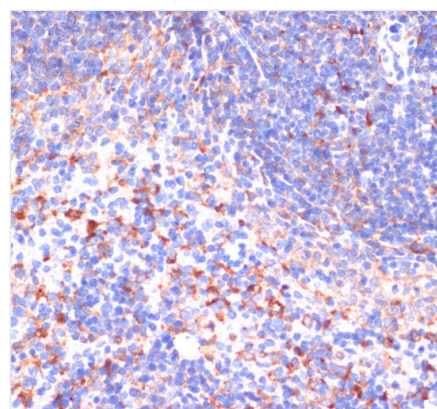
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-VHL antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Recombinant fusion protein of human VHL (NP_9377991)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



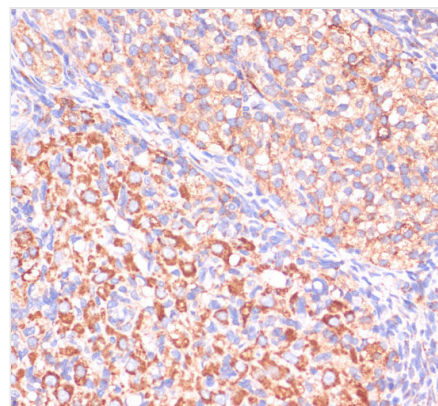
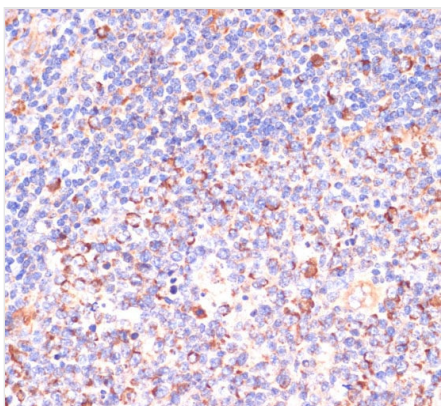
IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse spleen using VHL Polyclonal Antibody at dilution of 1:200 (40x lens).



IHC (Immunohistochemistry)

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

IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

Related Product Information for anti-VHL antibody	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.
Product Categories/Family for anti-VHL antibody	Cancer ; Cell Biology ; Epigenetics and Nuclear Signaling ; Metabolism ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507891
NCBI GeneID	7428
NCBI Accession #	NP_000542.1
NCBI GenBank Nucleotide #	NM_000551.3
UniProt Accession #	P40337; Q13599; Q6PDA9; B2RE45
Molecular Weight	24,153 Da
NCBI Official Full Name	von Hippel-Lindau disease tumor suppressor isoform 1
NCBI Official Synonym Full Names	von Hippel-Lindau tumor suppressor, E3 ubiquitin protein ligase
NCBI Official Symbol	VHL
NCBI Official Synonym Symbols	RCA1; VHL1; pVHL; HRCA1
NCBI Protein Information	von Hippel-Lindau disease tumor suppressor; protein G7; elongin binding protein
UniProt Protein Name	Von Hippel-Lindau disease tumor suppressor
UniProt Gene Name	VHL
UniProt Entry Name	VHL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.