

VHL Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide sequence (RSLVKPENYRRLD) corresponding to the internal amino acids of VHL
Form	Liquid
Concentration	0.5 mg/mL
Purification	Ammonium sulfate precipitation
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_11000500

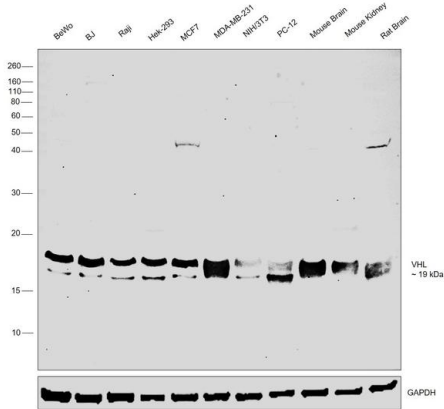
Applications	Tested Dilution	Publications
Western Blot (WB)	0.01-0.03 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	5 µg/mL	-

Product Specific Information

This antibody is predicted to react with canine based on sequence homology.

This antibody is tested in Peptide ELISA: antibody detection limit dilution 128,000.

Product Images For VHL Polyclonal Antibody



VHL Antibody (PA5-18549) in WB

Western blot was performed using anti-VHL Polyclonal Antibody (Product # PA5-18549) and a 19 kDa band corresponding to VHL was observed across all the cell lines and tissues tested. Whole cell extracts (30 µg lysate) of BeWo (Lane 1), BJ (Lane 2), Raji (Lane 3), Hek-293 (Lane 4), MCF7 (Lane 5), MDA-MB-231 (Lane 6), NIH/3T3 (Lane 7), PC-12 (Lane 8), tissue extracts of Mouse Brain (Lane 9), Mouse Kidney (Lane 10) and Rat Brain (Lane 11) were electrophoresed using NuPAGE™ 12% Bis-Tris Protein Gel (Product # NP0342BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Rabbit anti-Goat IgG Heavy Chain Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27014, 1: 4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).

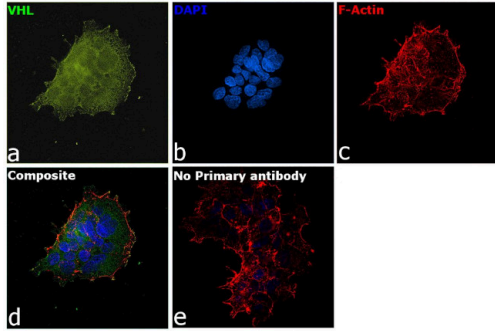


VHL Antibody (PA5-18549) in WB

Western blot analysis of VHL using VHL Polyclonal Antibody (Product # PA5-18549) (0.01 µg/mL) in staining of Human Ovary lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.

VHL Antibody (PA5-18549) in ICC/IF

Immunofluorescence analysis of VHL was performed using 70% confluent log phase HEK-293 cells. The cells were fixed with 4% Paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with VHL Polyclonal Antibody (Product # PA5-18549) at 1:100 dilution in 0.1% BSA, incubated at 4 degree Celsius overnight and then labeled with Donkey anti-Goat IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32814, 1:2000 dilution) for 1 hour at room temperature (Panel a: Green). Nuclei (Panel b: Blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing cytoplasmic localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



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