

Datasheet for ABIN5539912

anti-VHL antibody (Internal Region) (Biotin)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	VHL
Binding Specificity:	Internal Region
Reactivity:	Human, Rat, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This VHL antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	VHL, Biotinylated
Sequence:	RSLVKPENYR RLD.
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms (NP_000542.1 and NP_937799.1).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	VHL
Alternative Name:	VHL (VHL Products)
Background:	VHL, von Hippel-Lindau tumor suppressor, E3 ubiquitin protein ligase, HRCA1, RCA1, VHL1, pVHL, elongin binding protein, protein G7
Gene ID:	7428, 22346, 24874
NCBI Accession:	NP_000542 , NP_937799 , XP_011532380
Pathways:	Tube Formation, Signaling Events mediated by VEGFR1 and VEGFR2, Ubiquitin Proteasome Pathway

Application Details

Application Notes:	Western Blot: Approx 17 kDa band observed in Human Ovary lysates (calculated MW of 19.7 kDa according to NP_937799.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. Biotinylated (ABIN185675) (0.3 µg/mL) staining of Human Ovary lysate (35 µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP block