Mouse anti-Human VHL Monoclonal Antibody | anti-VHL antibody

VHL

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48296	**Mouse**	**Human**	**Immunofluorescence, Immunocytochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

VHL; Monoclonal Antibody; Von Hippel-Lindau tumor suppressor isoform 1; HRCA1; RCA1; VHL1; Von Hippel-Lindau tumor suppressor isoform 1 pVHL; G7 protein; Elongin bindingprotein; HRCA 1; RCA 1; VHL 1; VHLH; Von Hippel Lindau disease tumor suppressor; vonHippel Lindau syndrome; von Hippel Lindau tumor suppressor; AVH0616; anti-VHL antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b kappa
Clone Number	AT82B10
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	213
Applicable Applications for anti-VHL antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human VHL (1-154aa) purified from E. coli
Conjugation	Unconjugated
Product Note	This product was produced from tissue culture supernatant.
Preparation and Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

IMAGES

WB (Western Blot)
The cell lysates(40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human VHL antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.;;Lane 1.: HepG2 cell lysate;;Lane 2.: HeLa cell lysate;; Lane 3.: Raji cell lysate;;Lane 4.: Jurkat cell lysate;;Lane 5.: A549 cell lysate;;Lane 6.: MCF7 cell lysate;;Lane 7.: PC3 cell lysate;;

ICC (Immunocytochemistry)
ICC/IF analysis of VHL in Hep3B cells. The cell was stained (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-VHL antibody	Von Hippel-Lindau disease (VHL) is a dominant inherited syndrome characterized by the predisposition todevelop various kinds of benign and malignant tumors, including clear cell renal carcinomas, pheochromocytomas andhemangioblastomas of the central nervous system and retina. VHL syndrome is caused by germline mutation in theVHL tumor suppressor, and VHL tumors are associated with loss or mutation of the remaining wild-typeallele. VHL has two domains: a roughly 100-residue NH2-terminal domain rich in beta sheet (beta-domain) anda smaller alpha-helical domain (alpha-domain), held together by two linkers and a polar interface. VHL proteinis also involved in the degradation of hypoxia-inducible factor (HIF).
Product Categories/Family for anti-VHL antibody	Cancer; Epigenetics and Nuclear Signaling; Metabolism
References	Latif F., et al. (1993) Science. 260(5112): 1317-20.;;Duan DR., et al. (1995) PNAS. 92(14): 6459-63.;;Maxwell PH., et al. (1999) Nature. 399(6733): 271-5.;;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507891
NCBI GeneID	7428
NCBI Accession #	NP_000542.1
NCBI GenBank Nucleotide #	NP_000542.1
UniProt Accession #	P40337
NCBI Official Full Name	von Hippel-Lindau disease tumor suppressor isoform 1
NCBI Official Synonym Full Names	von Hippel-Lindau tumor suppressor
NCBI Official Symbol	VHL
NCBI Official Synonym Symbols	RCA1; VHL1; pVHL; HRCA1
NCBI Protein Information	von Hippel-Lindau disease tumor suppressor
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.

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