

Datasheet for ABIN685539

anti-VHL antibody (AA 101-213) (Biotin)



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Overview

Quantity:	100 µL
Target:	VHL
Binding Specificity:	AA 101-213
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VHL antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human VHL
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow
Purification:	Purified by Protein A.

Target Details

Target:	VHL
Alternative Name:	VHL/HRCA1 (VHL Products)

Target Details

Background:	Synonyms: Von Hippel Lindau, von Hippel-Lindau syndrome protein homolog, Hippel-Lindau disease tumor suppressor VHL, von Hippel-Lindau tumor suppressor isoform 1, VHL, HRCA1, RCA1, VHL1, von Hippel-Lindau disease tumor suppressor isoform 2,pVHL, pVHL, G7 protein, Elongin binding protein, Protein G7, VHL 1, VHL_HUMAN,VHL1, VHLH, Von Hippel Lindau disease tumor suppressor, von Hippel Lindau syndrome, von Hippel Lindau tumor suppressor, Von Hippel-Lindau disease tumor suppressor. 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 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. [provided by RefSeq].
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Gene ID:	7428
Pathways:	Tube Formation, Signaling Events mediated by VEGFR1 and VEGFR2, Ubiquitin Proteasome Pathway

Application Details

Application Notes:	IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage:	-20 °C
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Storage Comment:	Store at -20°C for 12 months.
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Expiry Date:	12 months
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