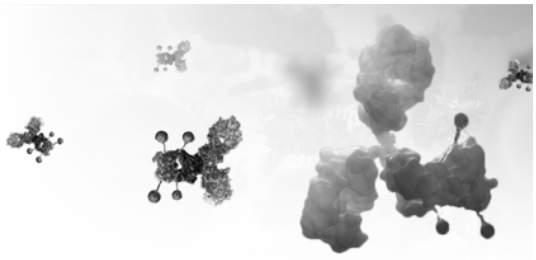

Human VHL blocking peptide (CDBP3167)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-VHL antibody
Antigen Description	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, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	VHL von Hippel-Lindau tumor suppressor, E3 ubiquitin protein ligase [Homo sapiens]
Official Symbol	VHL

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Synonyms	VHL; von Hippel-Lindau tumor suppressor, E3 ubiquitin protein ligase; von Hippel Lindau syndrome , von Hippel Lindau tumor suppressor; von Hippel-Lindau disease tumor suppressor; VHL1; protein G7; elongin binding protein; RCA1; pVHL; HRCA1;
Entrez Gene ID	7428
mRNA Refseq	NM_000551
Protein Refseq	NP_000542
UniProt ID	P40337
Chromosome Location	3p25.3
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; ECV complex, organism-specific biosystem; HIF-2-alpha transcription factor network, organism-specific biosystem;
Function	enzyme binding; protein binding; transcription factor binding;

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