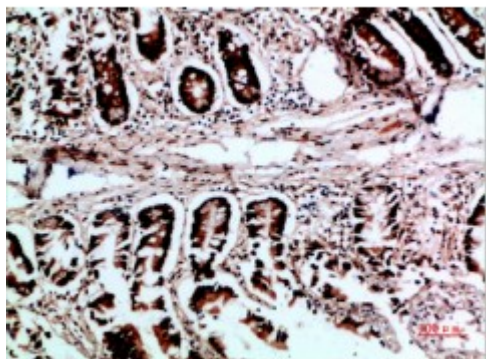


Anti-VHL antibody



Description	Rabbit polyclonal to VHL.
Model	STJ98809
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC
Immunogen	Synthetic peptide from human VHL protein.
Immunogen Region	1-50 aa
Gene ID	7428
Gene Symbol	VHL
Dilution range	IHC-P 1:50-300ELISA 1:5000-20000
Specificity	The antibody detects endogenous VHL.
Tissue Specificity	Expressed in the adult and fetal brain and kidney.
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	von Hippel-Lindau disease tumor suppressor Protein G7 pVHL
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:12687OMIM:144700
Alternative Names	von Hippel-Lindau disease tumor suppressor Protein G7 pVHL
Function	Involved in the ubiquitination and subsequent proteasomal degradation via the von Hippel-Lindau ubiquitination complex. Seems to act as a target recruitment subunit in the E3 ubiquitin ligase complex and recruits hydroxylated hypoxia-inducible factor (HIF) under normoxic conditions. Involved in transcriptional repression through interaction with HIF1A, HIF1AN and histone deacetylases. Ubiquitinates, in an oxygen-responsive manner, ADRB2.
Sequence and Domain Family	The Elongin BC complex binding domain is also known as BC-box with the consensus [APST]-L-x(3)-C-x(3)-[AILV].
Cellular Localization	Isoform 1: Cytoplasm. Membrane. Peripheral membrane protein. Nucleus. Found predominantly in the cytoplasm and with less amounts nuclear or membrane-associated. Colocalizes with ADRB2 at the cell membrane.. Isoform 3: Cytoplasm. Nucleus. Equally distributed between the nucleus and the cytoplasm but not membrane-associated.

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