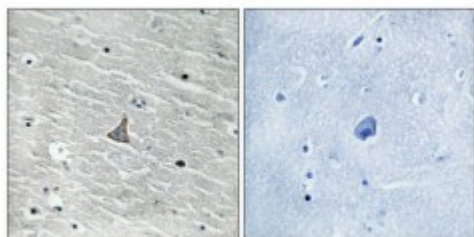


Anti-VHL antibody



Description	Rabbit polyclonal to VHL.
Model	STJ96241
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human VHL around the non-phosphorylation site of S68.
Immunogen Region	10-90 aa
Gene ID	7428
Gene Symbol	VHL
Dilution range	IHC 1:100-1:300ELISA 1:40000
Specificity	VHL Polyclonal Antibody detects endogenous levels of VHL protein.
Tissue Specificity	Expressed in the adult and fetal brain and kidney.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	von Hippel-Lindau disease tumor suppressor Protein G7 pVHL
Molecular Weight	24.153 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
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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