

VHL
Mouse Monoclonal antibody(Mab)
Catalog # AD80335

Specification

VHL - Product info

| | |
|-------------------|------------------------|
| Application | IHC-P |
| Primary Accession | P40337 |
| Reactivity | Human |
| Host | Mouse |
| Clonality | Monoclonal |
| Calculated MW | 24153 |

VHL - Additional info

| | |
|---|-------------|
| Gene ID | 7428 |
| Gene Name | VHL |
| Other Names | |
| von Hippel-Lindau disease tumor suppressor, Protein G7, pVHL, VHL | |

Dilution

IHC-P~~Ready-to-use

Storage

Maintain refrigerated at 2-8°C

Precautions

VHL Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

VHL - Protein Information

Name VHL

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. Isoform 1: Cytoplasm. Membrane; Peripheral membrane protein. Nucleus. Note=Found predominantly in the

Cellular Location

Tissue Location

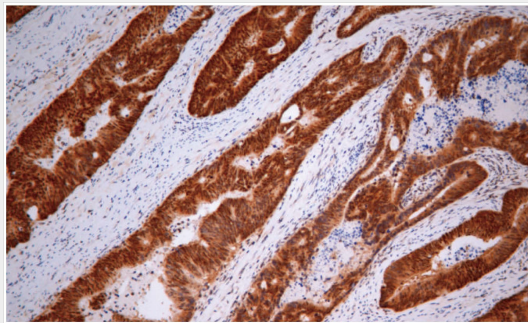
cytoplasm and with less amounts nuclear or membrane-associated Colocalizes with ADRB2 at the cell membrane
Expressed in the adult and fetal brain and kidney

VHL - Protocols

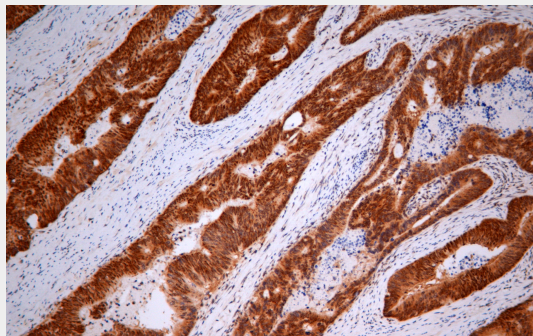
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

VHL - Images



Colon cancer



Immunohistochemical analysis of paraffin-embedded human cervical carcinoma tissue using AD80303 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.