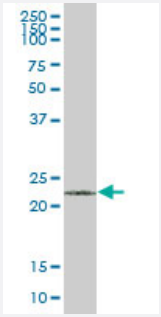
MaxPab®

VHL purified MaxPab mouse polyclonal antibody (B01P)

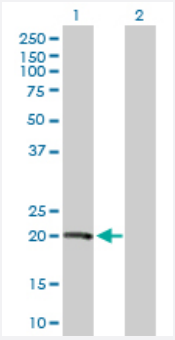
Catalog # H00007428-B01P Size 50 ug

Applications



Western Blot (Tissue lysate)

VHL MaxPab polyclonal antibody. Western Blot analysis of VHL expression in human placenta.



Western Blot (Transfected lysate)

Western Blot analysis of VHL expression in transfected 293T cell line (H00007428-T01) by VHL MaxPab polyclonal antibody.

Lane 1: VHL transfected lysate(18.92 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human VHL protein.
Immunogen	VHL (ENSP00000344757, 1 a.a. ~ 172 a.a) full-length human protein.
Sequence	MPRRAENWDEAEVGAEEAGVEEYGPEEDGGEESGAEESGPEESGPEELGAEEEMEAGRPRP VLRSVNSREPSQVIFCNRSPRVVLPVWLNFDGEPQPYPTLPPGTGRRIHSYRVYTLKERCLQVVR SLVKPENYRRLDIVRSLYEDLEDHPNVQKDLERLTQERIAHQRMGD
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (63); Rat (63)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

  VHL MaxPab polyclonal antibody. Western Blot analysis of VHL expression in human placenta.

  Protocol Download

- Western Blot (Transfected lysate)

  Western Blot analysis of VHL expression in transfected 293T cell line (H00007428-T01) by VHL MaxPab polyclonal antibody.

  Lane 1: VHL transfected lysate(18.92 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

Gene Info — VHL

Entrez GeneID	7428
GeneBank Accession#	NM_198156
Protein Accession#	ENSP00000344757
Gene Name	VHL
Gene Alias	HRCA1, RCA1, VHL1
Gene Description	von Hippel-Lindau tumor suppressor
Omim ID	144700 171300 193300 263400 608537
Gene Ontology	Hyperlink

Gene Summary	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
Other Designations	elongin binding protein

Pathway

- Pathways in cancer
- Renal cell carcinoma
- Ubiquitin mediated proteolysis

Disease

- Adenocarcinoma
- Adrenal Gland Neoplasms
- Altitude Sickness
- Anoxia
- Breast cancer
- Breast Neoplasms
- Carcinoma
- Cardiovascular Diseases
- Central Nervous System Neoplasms
- Cerebellar Neoplasms
- Diabetes Mellitus
- Edema
- Esophageal Neoplasms

- Genetic Predisposition to Disease
- Glomus Tumor
- Head and Neck Neoplasms
- Hemangioblastoma
- Hemangioma
- Hippel-Lindau Disease
- Hypertension
- Kidney Neoplasms
- Lymphoproliferative Disorders
- Multiple endocrine neoplasia
- Multiple Endocrine Neoplasia Type 2a
- Myelodysplastic Syndromes
- Neoplasms
- Neurofibromatosis
- Pancreatic cancer
- Pancreatic Neoplasms
- Paraganglioma
- Pheochromocytoma
- Polycythemia
- Retinal Neoplasms
- Syndrome
- Thrombosis
- Vascular Diseases
- von Hippel-Lindau Disease
- Von Hippel-Lindau syndrome