VHL Mouse Monoclonal Antibody

CAB11872

Product Information

Size:

50uL

Observed MW:

24kDa

Calculated MW:

18kDa/19kDa/24kDa

Applications:

WB IHC IF IP

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IHC 1:50 - 1:100 IF 1:50 - 1:100 IP 1:20 - 1:50

Source:
Mouse

Isotype:
IgG

Purification:
Affinity purification

Protein Background

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.

Immunogen information

Gene ID:
7428

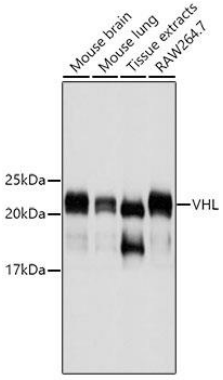
Uniprot
P40337

Synonyms:
VHL; HRCA1; RCA1; VHL1; pVHL; PVHL

Immunogen:
Recombinant protein of human VHL

Storage:
Store at 4℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using VHL antibody (CAB11872). Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (CABS003) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.