**German Research Products - GRP GmbH** 

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## **Product Datasheet**

## Von Hippel Lindau antibody GRP18

**Description** 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]

Species/Host Rabbit

Reactivity Human, Mouse

**Conjugation** Unconjugated

Tested Applications ICC, IF, IHC-P, IP, WB

Immunogen Recombinant protein encompassing a sequence within the cente

region of Human Von Hippel Lindau. The exact sequence is

proprietary.

Form/Appearance Liquid: 1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was

added as a preservative.

Concentration 0.93 mg/ml

**Storage** Store as concentrated solution. Centrifuge briefly prior to opening

vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.

**Note** For research use only.

**Isotype** IgG

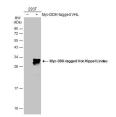
**Clonality** Polyclonal

**Purity** Purified by antigen-affinity chromatography.

Uniprot ID P40337

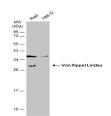
Entrez 7428

Dilution Range WB: 1:500-1:10000,ICC: 1:100-1:1000,IHC-P: 1:100-1:1000



Non-transfected (â€") and transfected (+) 293T whole cell extracts (30 ?g) were separated by 12% SDS-PAGE, and the membrane was blotted with Von Hippel Lindau antibody (GRP470) diluted at 1:5000.

The HRP-conjugated anti-rabbit IgG antibody was used to



Various whole cell extracts (30 ?g) were separated by 12% SDS-PAGE, and the membrane was blotted with Von Hippel Lindau antibody (GRP470)

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