Product datasheet for **TA303127**

**Von Hippel Lindau (VHL) Goat Polyclonal Antibody**

**Product data:**

- **Product Type:** Primary Antibodies
- **Applications:** WB
- **Recommend Dilution:** ELISA: 1:128,000. WB: 0.01-0.03µg/ml.
- **Reactivity:** Human, Mouse, Rat (Expected from sequence similarity: Dog)
- **Host:** Goat
- **Isotype:** IgG
- **Clonality:** Polyclonal
- **Immunogen:** Peptide with sequence C-RSLVKPENYRRLD, from the internal region of the protein sequence according to NP_000542.1; NP_937799.1.
- **Formulation:** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
- **Purification:** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
- **Storage:** Store at -20°C as received.
- **Stability:** Stable for 12 months from date of receipt.
- **Gene Name:** von Hippel-Lindau tumor suppressor
- **Database Link:** NP_000542 Entrez Gene 22346 Mouse Entrez Gene 24874 Rat Entrez Gene 494000 Dog Entrez Gene 7428 Human
- **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. [provided by RefSeq]
Synonyms: HRCA1; pVHL; RCA1; VHL1

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Pathways in cancer, Renal cell carcinoma, Ubiquitin mediated proteolysis

**Product images:**

TA303127 (0.01ug/ml) staining of Human Ovary lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.