

Product datasheet for **TA321159S**

Von Hippel Lindau (VHL) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human cervical cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
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 7428 Human P40337



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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.

Synonyms:

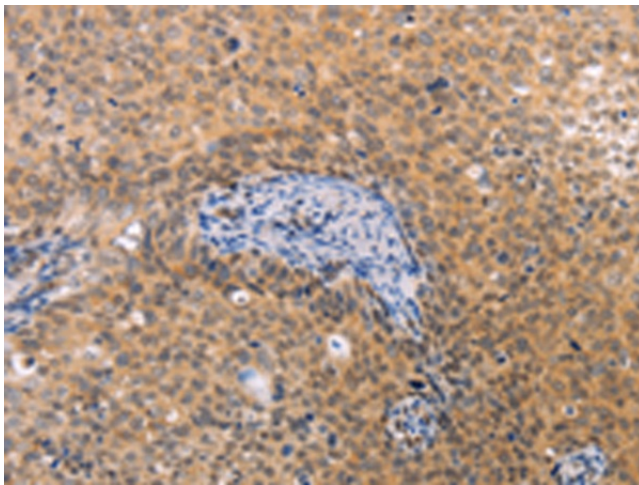
HRCA1; pVHL; RCA1; VHL1

Protein Families:

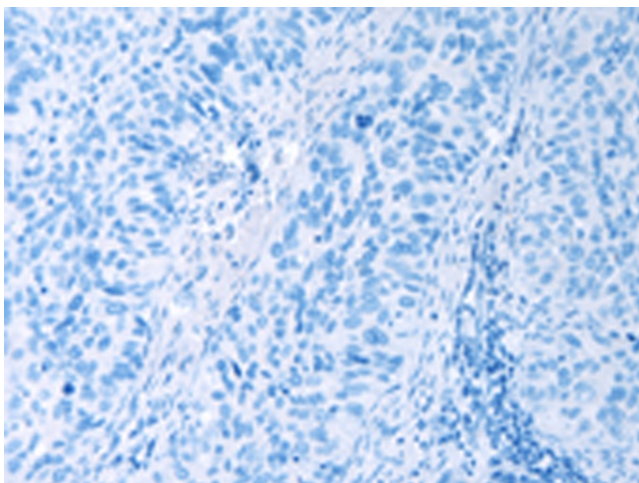
Druggable Genome, Transcription Factors

Protein Pathways:

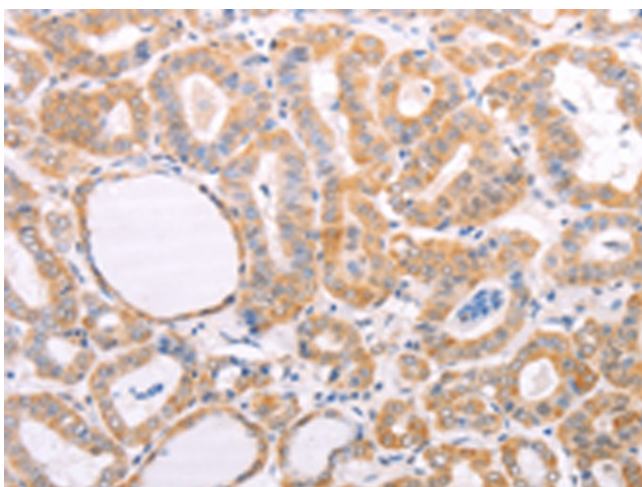
Pathways in cancer, Renal cell carcinoma, Ubiquitin mediated proteolysis

Product images:

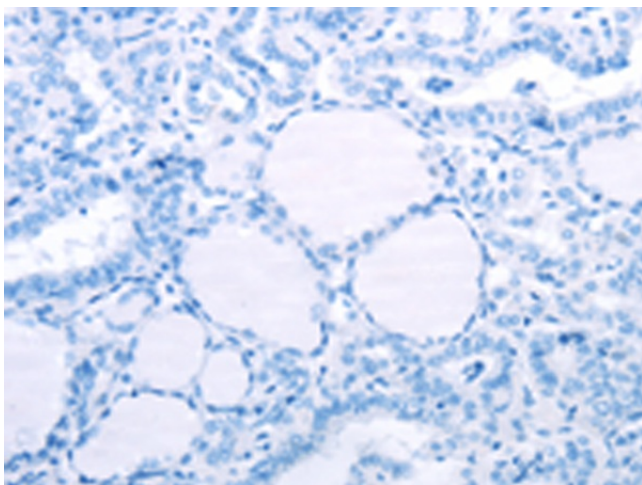
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA321159] (VHL Antibody) at dilution 1/40 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA321159] (VHL Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA321159] (VHL Antibody) at dilution 1/40 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA321159] (VHL Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: $\times 200$)