

For Research Use Only

# VGLL1 Polyclonal antibody

Catalog Number:10124-2-AP

Featured Product

7 Publications



## Basic Information

**Catalog Number:**

10124-2-AP

**Size:**

1000 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG0169

**GenBank Accession Number:**

BC000045

**GeneID (NCBI):**

51442

**UNIPROT ID:**

Q99990

**Full Name:**

vestigial like 1 (Drosophila)

**Calculated MW:**

29 kDa

**Observed MW:**

26-29 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:6000

IHC 1:20-1:200

## Applications

**Tested Applications:**

WB, IHC, ELISA

**Cited Applications:**

WB, IHC, IF, IP, RIP

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB** : Jurkat cells, human brain tissue, rat brain tissue, PC-3 cells, mouse brain tissue, mouse spleen tissue, rat spleen tissue

**IHC** : human prostate cancer tissue,

## Background Information

VGLL1 is a specific coactivator for the mammalian TEFs. It can bind proteins of the TEA domain family of transcription factors. Vgll1-TEFs complex upregulates the expression of IGFBP-5, a proliferation-promoting gene, and facilitates anchorage-independent cell proliferation. The calculated molecular weight of VGLL1 is 29 kDa, and the observed molecular weight is 26-29 kDa(PMID:31816819,33087697).

## Notable Publications

Author	Pubmed ID	Journal	Application
María Ángeles Castilla	24891455	Endocr Relat Cancer	
Mi-Aie Hwang	36613819	Int J Mol Sci	WB
Bo-Kyung Kim	31816819	Cancers (Basel)	WB,IHC

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

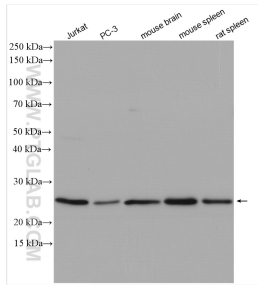
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

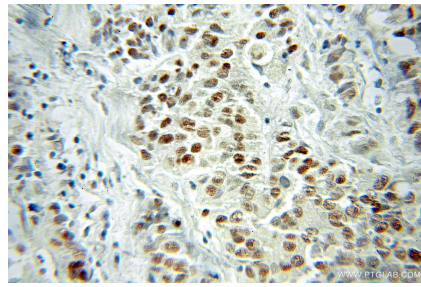
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10124-2-AP (VGLL1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 10124-2-AP (VGLL1 antibody) at dilution of 1:50 (under 10x lens).