

For Research Use Only

# VGLL1 Polyclonal antibody

Catalog Number: 10124-2-AP

Featured Product

7 Publications



## Basic Information

### Catalog Number:

10124-2-AP

### Size:

150ul, Concentration: 1000 ug/ml by Nanodrop;

### 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

\*\*\* 20ul sizes contain 0.1% BSA

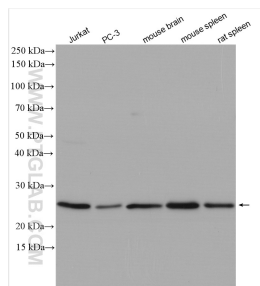
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

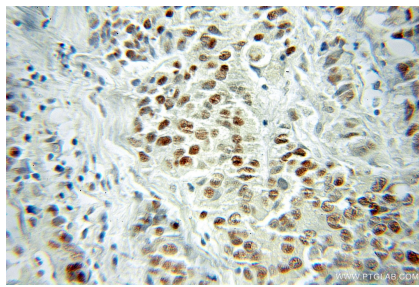
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## Selected Validation Data



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).