

For Research Use Only

VGLL1 Polyclonal antibody

Catalog Number: 10124-2-AP

Featured Product

4 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:

IHC, WB, ELISA

Cited Applications:

WB, RIP, IHC, IF

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. Vgl11-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:

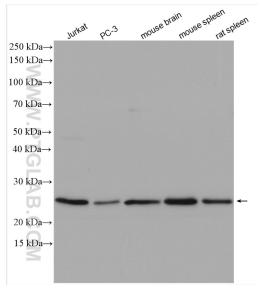
T: 4006900926

E: Proteintech-CN@ptglab.com

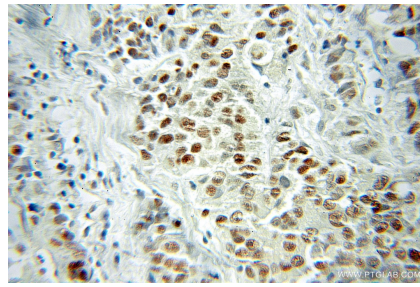
W: ptgcn.com

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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).