

A18248

Leader in Biomolecular Solutions for Life Science



Vgll4 Rabbit pAb

Catalog No.: A18248

10 Publications

Basic Information

Observed MW

31kDa

Calculated MW

31kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

Predicted to enable transcription coactivator binding activity. Involved in several processes, including negative regulation of cardiac muscle cell proliferation; negative regulation of hippo signaling; and positive regulation of cellular protein catabolic process. Located in nucleus. Is expressed in lung; submandibular gland primordium; tooth; and vibrissa. Orthologous to human VGLL4 (vestigial like family member 4).

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

232334

Swiss Prot

Q80V24

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-287 of mouse Vgll4 (NP_808351.1).

Synonyms

VGL-4; Vgll4

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

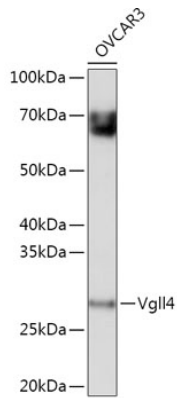
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from OVCAR3 cells, using Vgll4 Rabbit pAb (A18248) at 1:1000 dilution.

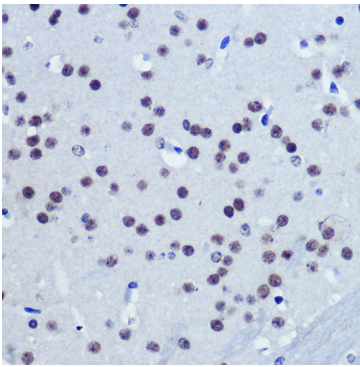
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

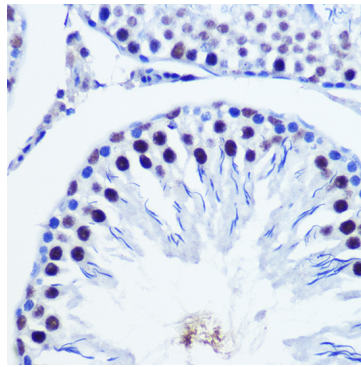
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

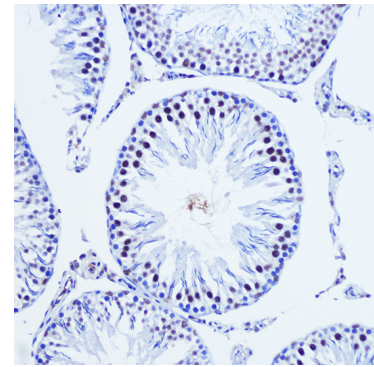
Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using Vgll4 Rabbit pAb (A18248) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat testis using Vgll4 Rabbit pAb (A18248) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat testis using Vgll4 Rabbit pAb (A18248) at dilution of 1:100 (20x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.