

Anti-VGLL4 antibody (1-287) (STJ11100205)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

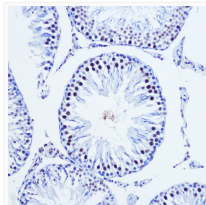
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 31kDa Observed Mw: 31kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

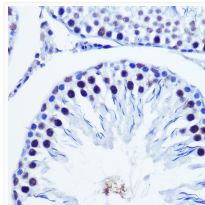
Gene ID	232334
Gene Symbol	Vgll4
UniProt ID	VGLL4_MOUSE
Immunogen Region	1-287
Immunogen Sequence	MLFMKMDLLNYQLDKMNNN IGVLCYEGEASLRGEPQMOT LPVASALSSHRTGPPISPSPS KRFKSMPEGDKDLDCENDHV SKMSRIFSPHLNKTVNGDCR RDPREERSRSPIERAAAPAVS LHGGHLYASLPSLMEQPLAL TKNSSDTGRSAVERQQNRPS VITCASAGARNCNLSHCPIA HSGCSAPGASAYRRPPSATA TCDPVVEEHFRRSLGKNYKE PEPAPNSVITGSVDDHFA
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-287 of mouse Vgll4 (NP_808351.1).

ADDITIONAL INFORMATION

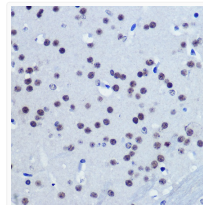
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



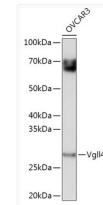
Immunohistochemistry analysis of paraffin-embedded Rat testis using Vgll4 Rabbit polyclonal antibody (STJ11100205) at dilution of 1:100 (20x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded Rat testis using Vgll4 Rabbit polyclonal antibody (STJ11100205) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using Vgll4 Rabbit polyclonal antibody (STJ11100205) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of OVCAR3 cells, using Vgll4 antibody (STJ11100205) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.