

Datasheet for ABIN7254214

anti-VGLL1 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	200 µL
Target:	VGLL1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VGLL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthetic peptide of human VGLL1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	VGLL1
Alternative Name:	VGLL1 (VGLL1 Products)
Background:	The protein encoded by this gene binds proteins of the TEA domain family of transcription factors (TEFs) through the Vg (vestigial) homology region found in its N-terminus. It may thus function as a specific coactivator for the mammalian TEFs. TDU interacted directly with the TEA domain family member, TEF1, and deletion of the Vg homology region abolished the

Target Details

interaction. The TDU-TEF1 dimer activated a reporter plasmid, and expression of TDU in *Drosophila* rescued loss of Vg function. The interaction was stronger in cardiac myocytes, suggesting a myocyte-specific factor may participate in the interaction. Vgll1 was weakly active in driving expression of a reporter gene from the mouse skeletal muscle alpha-actin promoter, and Vgll1 could partially reverse the inhibitory effect of TEF1 in this assay.

Molecular Weight: Observed_MW: Refer to figures
Calculated_MW: 29 kDa

UniProt: [Q99990](#)

Application Details

Application Notes: WB 1:2000-1:10000 ELISA 1:2000-1:20000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 2 mg/mL

Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

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



Western Blotting

Image 1. Western blot analysis of 293T cells using VGLL1 Polyclonal Antibody at dilution of 1:4600