VGLL1 Polyclonal Antibody

catalog number: E-AB-53198

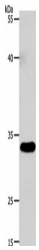
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Synthetic peptide of human VGLL1
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:2000-1:10000

Data



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

Observed-MW:Refer to figures

Calculated-MW:29 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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 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.

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