IBL Data Sheet

Code No. 28041

Anti-
GZF1 Rabbit IgG Affinity Purify

Volume : 100 µg
Lot No. : 0K-621

Introduction : *GZF1* has been identified as a gene whose expression is induced by a neurotrophic factor, GDNF. It codes a protein which has BTB/POZ domain in its N-terminal region and 10 of zinc finger motifs in its C-terminal area from the center. It has been known by performance analysis that GZF1 is a transcriptional repression factor which sequence-specifically binds to DNA and the binding sequence is present in transcription control region of HOXA10.

Antigen : Synthetic peptide of the part of Human GZF1

Purification : Purified with antigen peptide

Form : Lyophilized product from 1% BSA in PBS containing 0.05% NaN_3

How to use : 1.0 mL deionized water will be added to the product (the conc. comes up 100 µg /mL)

Stability : Lyophilized product, 5 years at 2 - 8 °C
: Solution, 2 years at –20 °C

Application : This antibody can be used for western blotting in concentration of about 0.1 µg /mL.
: This antibody can be used for immuno-precipitation in concentration about 1 µg /mL.

Specificity : React with human and mouse GZF1

Reference :

1. Fukuda N, Ichihara M, Morinaga T, Kawai K, Hayashi H, Murakumo Y, Matsuo S, Takahashi M. Identification of a novel glial cell line-derived neurotrophic factor-inducible gene required for renal branching morphogenesis. J Biol Chem. 2003 Dec 12;278(50):50386-92.
2. Morinaga T, Enomoto A, Shimono Y, Hirose F, Fukuda N, Dambara A, Jijiwa M, Kawai K, Hashimoto K, Ichihara M, Asai N, Murakumo Y, Matsuo S, Takahashi M. GDNF-inducible zinc finger protein 1 is a sequence-specific transcriptional repressor that binds to the HOXA10 gene regulatory region. Nucleic Acids Res. 2005 Jul 26;33(13):4191-201.

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