

ZNF281 Polyclonal Antibody

Catalog No. E-AB-18446

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

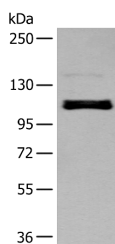
Description

Reactivity	Human, Mouse
Immunogen	Fusion protein of human ZNF281
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4

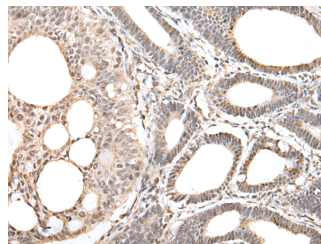
Applications Recommended Dilution

WB	1:500-1:2000
IHC	1:25-1:100

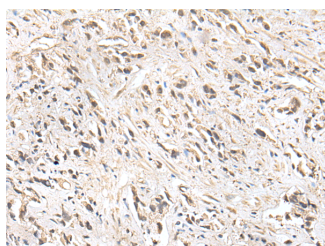
Data



Western blot analysis of A549 cell using ZNF281 Polyclonal Antibody at dilution of 1:250
Observed Mw: Refer to figures
Calculated Mw: 97 kDa



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ZNF281 Polyclonal Antibody at dilution of 1:30 (x200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using ZNF281 Polyclonal Antibody at dilution of 1:30 (x200)

Preparation & Storage

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

For Research Use Only

Background

ZNF281, also known as GC-box-binding zinc finger protein 1, ZBP-99 or ZNP-99 (zinc finger DNA-binding protein 99), is a zinc finger protein that belongs to the Krüppel C2H2-type zinc finger protein family. It is expressed ubiquitously at low levels with predominant expression in kidney, liver, lymphocytes and placenta. ZNF281 localizes to the nucleus and contains four C2H2-type zinc fingers. ZNF281 plays a role in repressing the transcription of a variety of genes including Gastrin and ODC (ornithine decarboxylase). In particular, ZNF281 functions by binding to the G-rich box in the enhancer region of the gene. Upon DNA damage, ZNF281 may become phosphorylated by Atm or ATR.