

For Research Use Only

# ZNF281 Polyclonal antibody, PBS Only

Catalog Number: 24088-1-PBS



## Basic Information

Catalog Number:

24088-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21355

GenBank Accession Number:

BC060820

GeneID (NCBI):

23528

UNIPROT ID:

Q9Y2X9

Full Name:

zinc finger protein 281

Calculated MW:

895 aa, 97 kDa

Observed MW:

110 kDa

Purification Method:

Antigen Affinity purified

## Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

## Background Information

ZNF281 (zinc finger protein 281) is a Krüppel family transcription factor containing four C2H2-type zinc finger domains, located in the cell nucleus. It promotes epithelial-mesenchymal transition (EMT) and tumor metastasis by recruiting co-repressors such as CTBP or synergistically with ZEB1 to inhibit the expression of epithelial markers such as E-cadherin. Furthermore, this protein is also involved in maintaining embryonic stem cell pluripotency and regulating neural differentiation.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

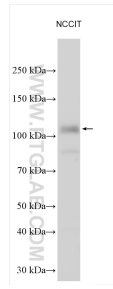
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

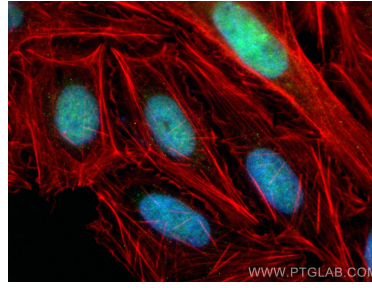
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24088-1-AP (ZNF281 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24088-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using ZNF281 antibody (24088-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 24088-1-PBS in a different storage buffer formulation.