

For Research Use Only

# ZNF281 Polyclonal antibody, PBS Only

Catalog Number: 24088-1-PBS



## Basic Information

<b>Catalog Number:</b> 24088-1-PBS	<b>GenBank Accession Number:</b> BC060820	<b>Purification Method:</b> Antigen Affinity purified
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 23528	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Y2X9	
<b>Isotype:</b> IgG	<b>Full Name:</b> zinc finger protein 281	
<b>Immunogen Catalog Number:</b> AG21355	<b>Calculated MW:</b> 895 aa, 97 kDa	
	<b>Observed MW:</b> 110 kDa	

## 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.

**Storage Buffer:**  
PBS only, pH7.3

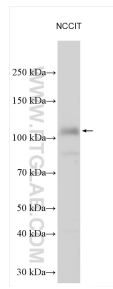
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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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.