

Product datasheet for **TA319862**

ZNF281 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 0.25 - 0.5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	ZFP281 antibody was raised against a 19 amino acid synthetic peptide near the carboxy terminus of human ZFP281.
Formulation:	ZFP281 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	ZFP281 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	zinc finger protein 281
Database Link:	AAH51905 Entrez Gene 23528 Human Q9Y2X9



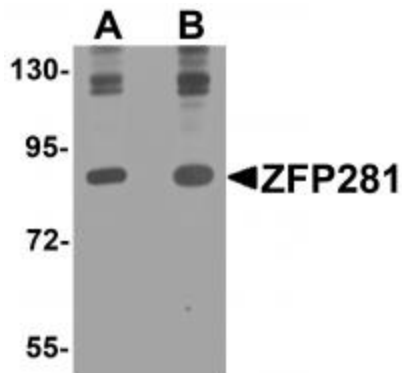
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Background:

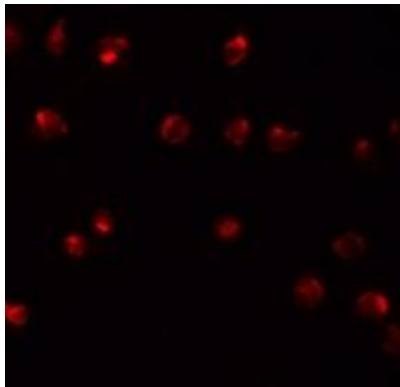
ZFP281 Antibody: ZFP281, also known as ZBP-99, is a member of a conserved family of transcription factors that interact with GC-rich promoters. It contains four Kruppel-like zinc fingers and is highly homologous to ZBP-89, another regulator of ornithine decarboxylase gene expression. ZFP281 also interacts with many other other transcription factors, such as Sp1 to repress vimentin gene transcription. ZFP281 has also been shown to control embryonic stem cell pluripotency by direct regulating specific target genes. ZFP281 physically interacts with the transcription factors POU5F1, Sox2, and NANOG. Gene expression microarray analysis indicated that some ZFP281 target genes were activated, while others were repressed upon knockdown of ZFP281 expression, showing that ZFP281 plays bifunctional roles in regulating gene expression in stem cells.

Synonyms:

ZBP-99; ZNP-99

Product images:

Western blot analysis of ZFP281 in A-20 cell lysate with ZFP281 antibody at (A) 0.25 and (B) 0.5 ug/mL.



Immunofluorescence of ZFP281 in A20 cells with ZFP281 antibody at 20 ug/mL.