BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-ZFP281 ZNF281 Antibody

Catalog Number: A07538

About ZNF281

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 phyically interacts with the transcription factos POU5F1, Sox2, and NANOG. Gene expression microarray anlysis indicated that some ZFP281 target genes were activated, while others were repressed upon knockdown of ZFP281 expression, showing that ZFP281 plays bifuctinal roles in regulating gene expression in stem cells.

Submit a product review to Biocompare.com





Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti-ZFP281 ZNF281 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-ZFP281 ZNF281 Antibody (Catalog # A07538). Tested in ELISA, WB, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, WB
Clonality	Polyclonal
Formulation	ZFP281 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9Y2X9

Technical Details

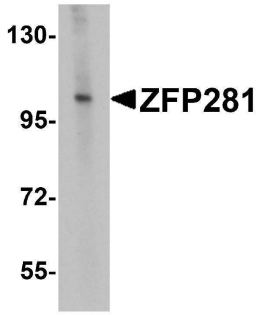
Immunogen	ZFP281 antibody was raised against a 19 amino acid synthetic peptide near the carboxy terminus of human ZFP281. The immunogen is located within amino acids 600 - 650 of ZFP281.
Predicted Reactive Species	Pig

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

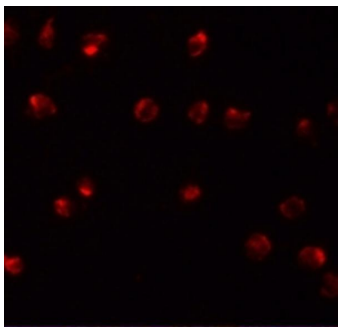
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	ZFP281 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	ZFP281 antibody can be used for detection of ZFP281 by Western blot at 0.5 ug/mL. Antibody can also be used for immunofluorescence starting at 20 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-ZFP281 ZNF281 Antibody (A07538) Images



Western blot analysis of ZFP281 in A-20 cell lysate with ZFP281 antibody at 0.5 ug/mL.



Immunofluorescence of ZFP291 in A20 cells with ZFP291 antibody at 20 ug/mL.

Anti-ZFP281 ZNF281 Antibody

For Research Use Only. Not for use in diagnostic procedures.