
ZFP281 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254444

Unit: 0.1 mg

Description:

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.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Zinc finger protein 281; ZNF281; ZBP-99; ZNP-99

Accession No.: AAH51905

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human ZFP281.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.