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ZNF281 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21118a

Specification

ZNF281 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q9Y2X9
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**96915**

ZNF281 Antibody (Center) - Additional Information

Gene ID 23528

Other Names
Zinc finger protein 281, GC-box-binding zinc finger protein 1, Transcription factor ZBP-99, Zinc finger DNA-binding protein 99, ZNF281, GZP1, ZBP99

Target/Specificity
This ZNF281 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 416-450 amino acids from the Central region of human ZNF281.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
ZNF281 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ZNF281 Antibody (Center) - Protein Information

Name ZNF281

Synonyms GZP1, ZBP99

Function Transcription repressor that plays a role in regulation of embryonic stem cells (ESCs)

differentiation. Required for ESCs differentiation and acts by mediating autorepression of NANOG in ESCs: binds to the NANOG promoter and promotes association of NANOG protein to its own promoter and recruits the NuRD complex, which deacetylates histones. Not required for establishement and maintenance of ESCs (By similarity). Represses the transcription of a number of genes including GAST, ODC1 and VIM. Binds to the G-rich box in the enhancer region of these genes.

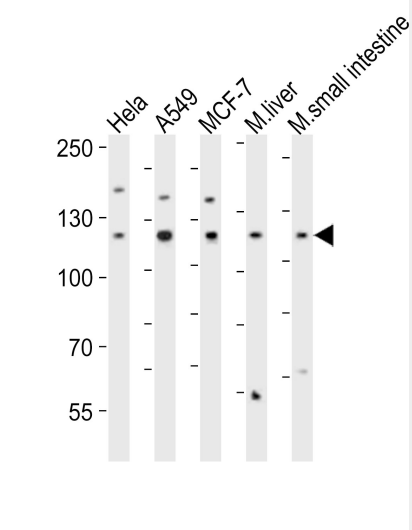
Cellular Location
Nucleus.

ZNF281 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ZNF281 Antibody (Center) - Images



Western blot analysis of lysates from Hela, A549, MCF-7 cell line, mouse liver, mouse small intestine tissue lysate(from left to right), using ZNF281 Antibody (Center)(Cat. #AP21118a). AP21118a was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

ZNF281 Antibody (Center) - Background

Transcription repressor that plays a role in regulation of embryonic stem cells (ESCs) differentiation. Required for ESCs differentiation and acts by mediating autorepression of NANOG in ESCs: binds to the NANOG promoter and promotes association of NANOG protein to its own promoter and recruits the NuRD complex, which deacetylates histones. Not required for establishement and maintenance of ESCs (By similarity). Represses the transcription of a number of

genes including GAST, ODC1 and VIM. Binds to the G- rich box in the enhancer region of these genes.

ZNF281 Antibody (Center) - References

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