

ARG55027 anti-ZNF281 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ZNF281
Tested Reactivity	Hu, Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ZNF281
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 416-450 (Center) of Human ZNF281.
Conjugation	Un-conjugated
Alternate Names	ZBP-99; GC-box-binding zinc finger protein 1; Transcription factor ZBP-99; Zinc finger protein 281; ZNP-99; Zinc finger DNA-binding protein 99

Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse small intestine	

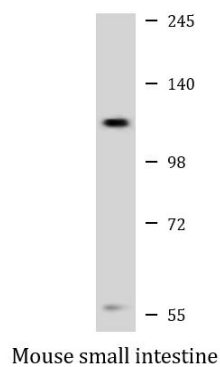
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 23528 Human Swiss-port # Q9Y2X9 Human
Gene Symbol	ZNF281
Gene Full Name	zinc finger protein 281
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 establishment 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. [UniProt]
Research Area	Developmental Biology antibody; Gene Regulation antibody
Calculated Mw	97 kDa
Cellular Localization	Nucleus.

Images



ARG55027 anti-ZNF281 antibody WB image

Western blot: 20 µg of Mouse small intestine lysate stained with ARG55027 anti-ZNF281 antibody at 1:1000 dilution.