

ZNF263 Rabbit pAb

ZNF263 Rabbit pAb

Catalog # AP54776

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O14978
Predicted	Rat, Pig, Dog, Human, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	77299
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from Human ZNF263
Epitope Specificity	182-248/683
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Krüppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. As a member of the krueppel C2H2-type zinc-finger protein family, ZNF263 (Zinc finger protein 263), also known as FPM315 or ZKSCAN12 (Zinc finger protein with KRAB and SCAN domains 12), is a 683 amino acid nuclear protein that contains nine C2H2-type zinc fingers, one KRAB domain and one SCAN box domain. ZNF263 acts as a transcriptional repressor in the nucleus and is expressed in various tissues including heart, brain, placenta, lung, liver, skeletal muscle, kidney, pancreas, spleen, thymus, prostate, testis, ovary, small intestine, colon and leukocyte.

Additional Information

Gene ID	10127
Other Names	Zinc finger protein 263 {ECO:0000312 HGNC:HGNC:13056}, Zinc finger protein FPM315 {ECO:0000312 HGNC:HGNC:13056}, Zinc finger protein with KRAB and SCAN domains 12 {ECO:0000312 HGNC:HGNC:13056}, ZNF263 (HGNC:13056)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000

Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
----------------	---

Protein Information

Name	ZNF263 (HGNC:13056)
Function	Transcription factor that binds to the consensus sequence 5'- TCCTCCC-3' and acts as a transcriptional repressor (PubMed: 32051553). Binds to the promoter region of SIX3 and recruits other proteins involved in chromatin modification and transcriptional corepression, resulting in methylation of the promoter and transcriptional repression (PubMed: 32051553). Acts as a transcriptional repressor of HS3ST1 and HS3ST3A1 via binding to gene promoter regions (PubMed: 32277030).
Cellular Location	Nucleus.
Tissue Location	Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney, pancreas, spleen, thymus, prostate, testis, ovary, small intestine, colon and leukocyte

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.