

ZNF462 Rabbit pAb

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Catalog # AP58642

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96JM2
Predicted	Rat, Human, Mouse, Rabbit, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	284688
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZNF462
Epitope Specificity	361-460/2506
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
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	The protein encoded by this gene belongs to C2H2-type zinc finger family of proteins. It contains multiple C2H2-type zinc fingers and may be involved in transcriptional regulation. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2016]

Additional Information

Gene ID	58499
Other Names	Zinc finger protein 462, Zinc finger PBX1-interacting protein, ZNF462 (HGNC:21684), KIAA1803
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500
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	ZNF462 (HGNC:21684)
Synonyms	KIAA1803

Function	Zinc finger nuclear factor involved in transcription by regulating chromatin structure and organization (PubMed: 20219459 , PubMed: 21570965). Involved in the pluripotency and differentiation of embryonic stem cells by regulating SOX2, POU5F1/OCT4, and NANOG (PubMed: 21570965). By binding PBX1, prevents the heterodimerization of PBX1 and HOXA9 and their binding to DNA (By similarity). Regulates neuronal development and neural cell differentiation (PubMed: 21570965).
Cellular Location	Nucleus

Background

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