

ZNF821 Antibody

Catalog # ASC11719

Product Information

Application	WB, IF, ICC, E
Primary Accession	O75541
Other Accession	NP_001188482.1 , 320118856
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	46794
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	ZNF821 antibody can be used for detection of ZNF821 by Western blot at 0.5 - 1 μ g/ml. Antibody can also be used for Immunocytochemistry at 2.5 μ g/mL. For Immunofluorescence start at 20 μ g/mL.

Additional Information

Gene ID	55565
Other Names	Zinc finger protein 821, ZNF821
Target/Specificity	ZNF821; ZNF821 antibody is human and mouse reactive. At least three isoforms of ZNF821 are known to exist; this antibody will detect the two largest isoforms.
Reconstitution & Storage	ZNF821 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Precautions	ZNF821 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ZNF821
Function	May be involved in transcriptional regulation.
Cellular Location	Nucleus.

Background

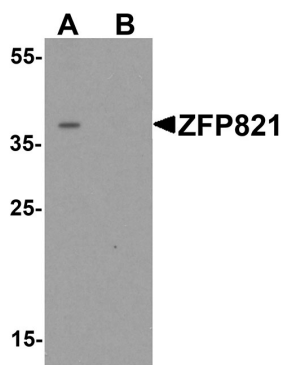
The ZNF821 protein contains two C2H2 zinc finger motifs and a score-and-three (23)-amino acid peptide repeat (STPR) domain. The STPR domain of the encoded protein binds to double stranded DNA and may also

contain a nuclear localization signal, suggesting that this protein interacts with chromosomal DNA (1). The exact function of ZNF821, however, remains unknown.

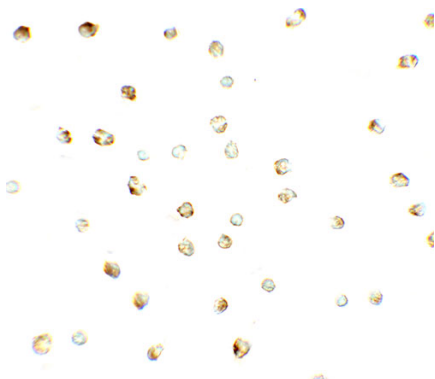
References

Nonaka Y, Muto H, Aizawa T, et al. STPR, a 23-amino acid tandem repeat domain, found in the human function-unknown protein ZNF821. *Biochemistry* 2010; 49:8367-75.

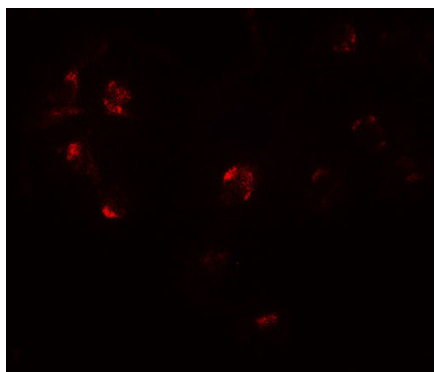
Images



Western blot analysis of ZNF821 in Jurkat cell lysate with ZNF821 antibody at 0.5 µg/ml in (A) the absence and (B) the presence of blocking peptide.



Immunocytochemistry of ZNF821 in Jurkat cells with ZNF821 antibody at 2.5 µg/mL.



Immunofluorescence of ZNF821 in Jurkat cells with ZNF821 antibody at 20 µg/mL.

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