

ZNF821 Antibody
Catalog # ASC11719**Specification**

ZNF821 Antibody - Product Information

Application	WB, ICC, IF
Primary Accession	O75541
Other Accession	NP_001188482.1 , 320118856
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	Predicted: 41 kDa

Application Notes	Observed: 38 kDa KDa ZNF821 antibody can be used for detection of ZNF821 by Western blot at 0.5 - 1 µg/ml. Antibody can also be used for Immunocytochemistry at 2.5 µg/mL. For Immunofluorescence start at 20 µg/mL.
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ZNF821 Antibody - Additional Information

Gene ID **55565**

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.

ZNF821 Antibody - Protein Information

Name ZNF821

Function

May be involved in transcriptional regulation.

Cellular Location

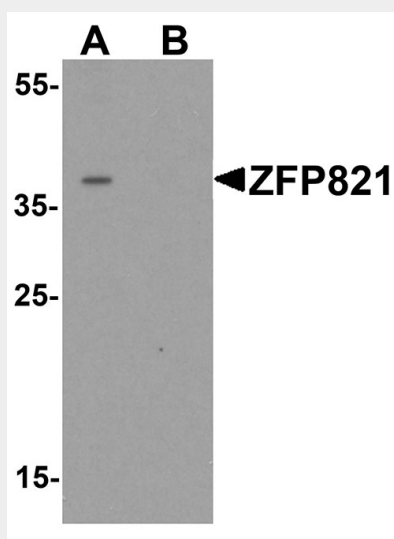
Nucleus.

ZNF821 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

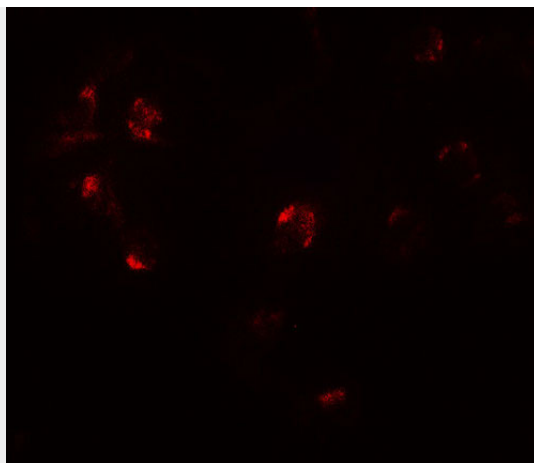
ZNF821 Antibody - Images



Western blot analysis of ZNF821 in Jurkat cell lysate with ZNF821 antibody at 0.5 $\mu\text{g/ml}$ in (A) the absence and (B) the presence of blocking peptide.



Immunocytochemistry of ZNF821 in Jurkat cells with ZNF821 antibody at 2.5 $\mu\text{g/mL}$.



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

ZNF821 Antibody - 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.

ZNF821 Antibody - 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.