

Datasheet for 600-401-GG7**ZNF821 Antibody****Overview**

Description:	Anti-ZNF821 (RABBIT) Antibody - 600-401-GG7
Item No.:	600-401-GG7
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse
Host Species:	Rabbit

Product Details

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.
Synonyms:	ZNF821 Antibody, Zinc finger protein 821
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	ZNF821
Reactivity:	Human, Mouse
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-ZNF821 antibody was prepared from whole rabbit serum produced by repeated immunizations with an 18 amino acid peptide near the C-terminus of human ZNF821
Purity/Specificity:	Anti-ZNF821 antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. 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.
Relevant Links:	• UniProtKB - O75541

- [GeneID - 55565](#)
- [NCBI - NP_001188482.1](#)

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-ZNF821 Antibody has been tested for use in ELISA, Western Blotting, Immunocytochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 46 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:5000 - 1:10000
IF:	20 µg/mL
WB:	0.5-1 µg/mL

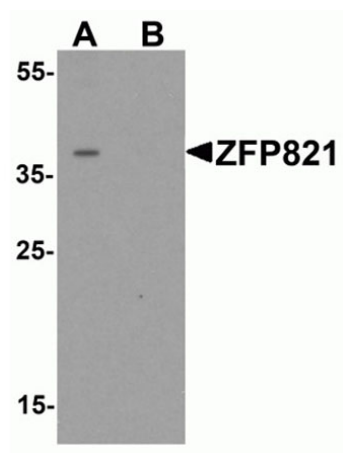
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images

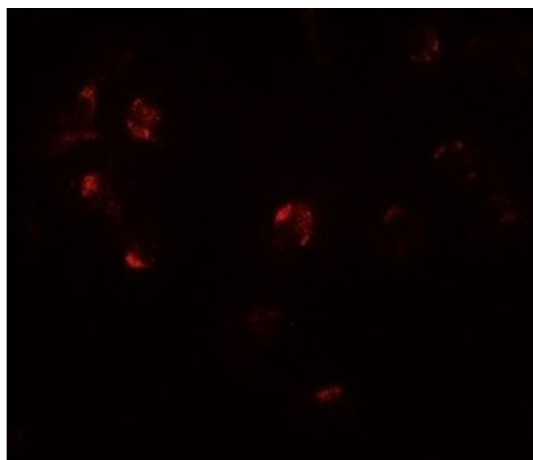


Western Blot

Western blot of ZNF821.

Load: Jurkat cell lysate.

Primary Antibody: ZNF821 antibody at 0.5 µg/ml in (A) the absence and (B) the presence of blocking peptide.



Immunofluorescence Microscopy

Immunofluorescence of ZNF821.

Cell: Jurkat cells.

Primary Antibody: ZNF821 antibody at 20 µg/mL.



Immunocytochemistry

Immunocytochemistry of ZNF821.

Cell: Jurkat cells.

Primary Antibody: ZNF821 antibody at 2.5 µg/mL.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.