

For Research Use Only

# ZNF521 Polyclonal antibody

Catalog Number: 23716-1-AP



## Basic Information

**Catalog Number:**

23716-1-AP

**Size:**

150ul, Concentration: 280 ug/ml by Nanodrop and 280 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG20540

**GenBank Accession Number:**

BC113648

**GeneID (NCBI):**

25925

**UNIPROT ID:**

Q96K83

**Full Name:**

zinc finger protein 521

**Calculated MW:**

1311 aa, 148 kDa

**Observed MW:**

190 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:3000

IF/ICC 1:50-1:500

## Applications

**Tested Applications:**

WB, IF/ICC, ELISA

**Species Specificity:**

human

**Positive Controls:**

WB : HuH-7 cells, L02 cells, T2 cells, THP-1 cells

IF/ICC : A431 cells,

## Background Information

Zinc finger protein 521 (EHZF/ZNF521) is a transcription co-factor originally identified for its abundant and selective expression in early progenitors of the human hematopoietic system. In the hematopoietic system ZNF521 is highly expressed in stem and progenitor cells but not in more differentiated precursors or mature leukocytes (PMID: 23907569, 21593590).

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

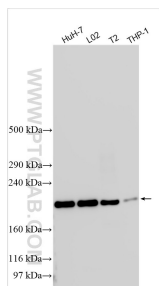
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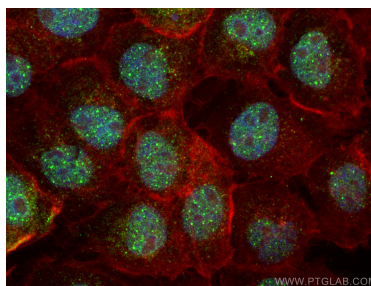
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 23716-1-AP (ZNF521 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using ZNF521 antibody (23716-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).