

Datasheet for ABIN6991449  
**anti-ZNF521 antibody (C-Term)**



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## Overview

Quantity:	0.1 mg
Target:	ZNF521
Binding Specificity:	AA 1160-1210, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZNF521 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	ZNF521 antibody was raised against a 19 amino acid synthetic peptide near the carboxy terminus of human ZNF521. The immunogen is located within amino acids 1160 - 1210 of ZNF521.
Isotype:	IgG
Specificity:	ZNF521 antibody is human specific.
Purification:	ZNF521 Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	ZNF521
Alternative Name:	ZNF521 ( <a href="#">ZNF521 Products</a> )

## Target Details

**Background:** ZNF521 Antibody: The zinc finger protein 521 (ZNF521) is a transcription factor containing an N-terminal transcriptional repressor motif and 30 zinc finger domains. It plays a role in both erythroid cell and osteoblast differentiation during development, inhibiting the activities of early B-cell factor 1 (EBF1) in erythroid cells and Runx2 in osteoblast precursors. ZFP521 binds to both Runx2 and histone deacetylase 3 (HDAC3), promotes their association and antagonizes Runx2 transcriptional activity in a HDAC3-dependent manner, thereby regulating osteoblast differentiation, skeletal development, and bone homeostasis.

**Gene ID:** 25925

**NCBI Accession:** [NP\\_056276](#)

**UniProt:** [Q96K83](#)

## Application Details

**Application Notes:** ZNF521 antibody can be used for detection of ZNF521 by immunohistochemistry at 5 µg/mL.

Antibody validated: Immunohistochemistry in human samples. All other applications and species not yet tested.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** ZNF521 Antibody is supplied in PBS containing 0.02 % sodium azide.

**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** -20 °C, 4 °C

**Storage Comment:** ZNF521 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.