

ZNF521 Antibody (NT)

ALTERNATE NAMES:	Zinc finger protein 521, EHZF, Evi3
CATALOG #:	5406-100
AMOUNT:	100 µg
HOST:	Rabbit
ISOTYPE:	IgG
IMMUNOGEN:	ZNF521 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human ZNF521.
PURIFICATION:	Affinity chromatography purified via peptide column
FORMULATION:	100 µg (1 mg/ml) in 1X PBS containing 0.02 % sodium azide.
SPECIES REACTIVITY:	Human
STORAGE CONDITIONS:	Can be stored at 4°C for three months. For long term storage, store at -20°C. Avoid freeze/thaw cycles.

DESCRIPTION:

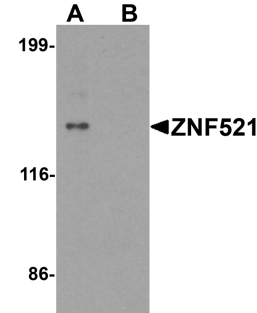
The zinc finger protein 521 (ZNF521) is a transcription factor containing an N-terminal transcriptional repressor motif and 30 zinc finger domains. It plays a role in both erythroid cell and osteoblast differentiation during development, inhibiting the activities of early B-cell factor 1 (EBF1) in erythroid cells and Runx2 in osteoblast precursors. ZNF521 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.

SPECIFICITY: ZNF521 antibody is human specific.

APPLICATION: Western Blot: 1 µg/ml, ICC: 2.5 µg/ml, ELISA

Note: *This information is only intended as a guide. The optimal dilutions must be determined by the user*

FOR RESEARCH USE ONLY! Not to be used on humans.



Western blot analysis of ZNF521 in HeLa cell lysate with ZNF521 antibody at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.



Immunocytochemistry of ZNF521 (NT) in HeLa cells with ZNF521 (NT) antibody at 2.5 µg/mL.

RELATED PRODUCTS:

- DNMT1 Antibody (Cat No. 3946-100)
- DNMT1 Blocking Peptide (Cat No. 3946BP-50)
- NIF1 Antibody (Cat No. 3737R-100)
- NIF1 Antibody (Cat No. 3737-100)
- ZBTB7 Antibody (Cat No. 3791-100)
- ZFX Antibody (CT) (Cat No. 5405-100)
- ZNF521 Antibody (CT) (Cat No. 5407-100)
- ZNF687 Antibody (CT) (Cat No. 5408-100)
- ZNF687 Antibody (NT) (Cat No. 5409-100)