BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Zinc finger protein 521 ZNF521 Antibody

Catalog Number: A06292

About ZNF521

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.

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Overview

Product Name	Anti-Zinc finger protein 521 ZNF521 Antibody
Reactive Species	Human
Description	Boster Bio Anti-Zinc finger protein 521 ZNF521 Antibody (Catalog # A06292). Tested in ELISA, IHC-P applications. This antibody reacts with Human.
Application	ELISA, IHC-P
Clonality	Polyclonal
Formulation	ZNF521 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	ZNF521 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q96K83

Technical Details

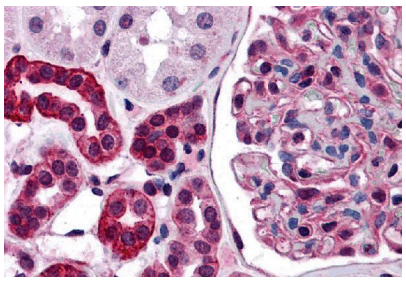
Immunogen	ZNF521 antibody was raised against a 19 amino acid synthetic peptide near the carboxy terminus of human ZNF521. The immunogen is located within amino acids 1160 - 1210 of ZNF521.
Predicted Reactive Species	Mouse
Cross Reactivity	ZNF521 antibody is human specific.

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Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	ZNF521 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	ZNF521 antibody can be used for detection of ZNF521 by immunohistochemistry at 5 ug/mL. Antibody validated: Immunohistochemistry in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-Zinc finger protein 521 ZNF521 Antibody (A06292) Images



Immunohistochemistry of ZNF521 in human kidney tissue with ZNF521 antibody at 5 ug/mL.

Anti-Zinc finger protein 521 ZNF521 Antibody

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