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Datasheet for ABIN1449926 anti-ZNF521 antibody (N-Term)

2 Images



Overview

Quantity:	0.1 mg
Target:	ZNF521
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZNF521 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA), Immunofluorescence (IF)

Product Details

Immunogen:	18 amino acid synthetic peptide near the amino terminus of Human ZNF521
Isotype:	lgG
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography purified via peptide column

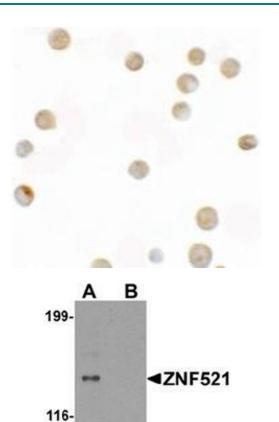
Target Details

Target:	ZNF521
Alternative Name:	ZNF521 (ZNF521 Products)
Background:	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

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Target Details

	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 .Synonyms: EHZF, Early
	hematopoietic zinc finger protein, LIP3, LYST-interacting protein 3, Zinc finger protein 521
Gene ID:	25925
NCBI Accession:	NP_056276
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
	10 ()
Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.02 % Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



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Immunofluorescence

Image 1. Immunocytochemistry of ZNF521 (NT) in HeLa cells with ZNF521 (NT) antibody at 2.5 ug/mL.

Western Blotting

Image 2. Western blot analysis of ZNF521 in HeLa cell lysate with ZNF521 antibody at 1 ug/ml in (A) the absence and (B) the presence of blocking peptide.

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