

ZNF521 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS15623**Specification**

ZNF521 Antibody (N-Terminus) - Product Information

Application	ICC, IF, WB
Primary Accession	Q96K83
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	148kDa KDa

ZNF521 Antibody (N-Terminus) - Additional Information**Gene ID** 25925**Other Names**

Zinc finger protein 521, Early hematopoietic zinc finger protein, LYST-interacting protein 3, ZNF521, EHZF, LIP3

Target/Specificity

Human ZNF521. ZNF521 antibody is human specific.

Reconstitution & Storage

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

ZNF521 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

ZNF521 Antibody (N-Terminus) - Protein Information**Name** ZNF521**Synonyms** EHZF, LIP3**Function**

Transcription factor that can both act as an activator or a repressor depending on the context. Involved in BMP signaling and in the regulation of the immature compartment of the hematopoietic system. Associates with SMADs in response to BMP2 leading to activate transcription of BMP target genes. Acts as a transcriptional repressor via its interaction with EBF1, a transcription factor involved specification of B-cell lineage; this interaction preventing EBF1 to bind DNA and activate target genes.

Cellular Location

Nucleus.

Tissue Location

Predominantly expressed in hematopoietic cells. Present in organs and tissues that contain stem and progenitor cells, myeloid and/or lymphoid: placenta, spleen, lymph nodes, thymus, bone marrow and fetal liver. Within the hematopoietic system, it is abundant in CD34(+) cells but undetectable in mature peripheral blood leukocytes, and its levels rapidly decrease during the differentiation of CD34(+) cells in response to hemopoietins

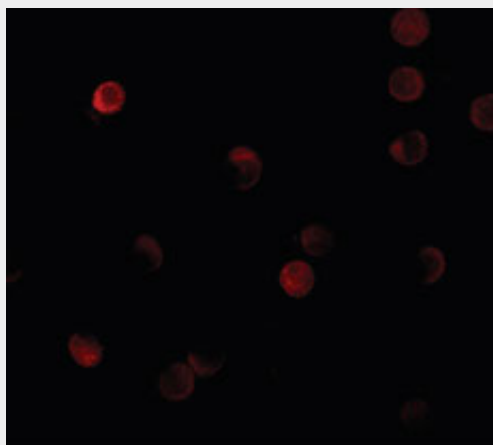
ZNF521 Antibody (N-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

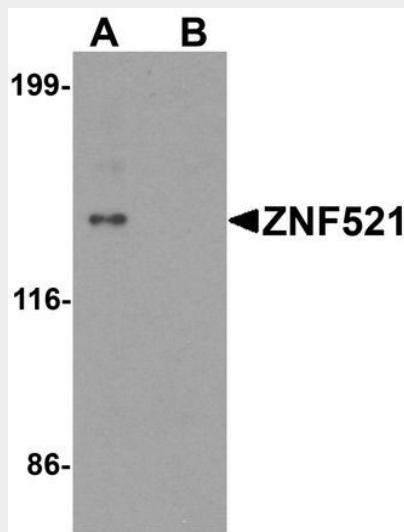
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ZNF521 Antibody (N-Terminus) - Images

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



Immunofluorescence of ZNF521 in HeLa cells with ZNF521 antibody at 20 ug/ml.



Western blot analysis of ZNF521 in HeLa cell lysate with ZNF521 antibody at 1 ug/ml in (A) the...

ZNF521 Antibody (N-Terminus) - Background

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ZNF521 Antibody (N-Terminus) - References

- Bond H.M.,et al.Blood 103:2062-2070(2004).
- Ota T.,et al.Nat. Genet. 36:40-45(2004).
- Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
- Mullighan C.G.,et al.Nature 446:758-764(2007).
- Bechtel S.,et al.BMC Genomics 8:399-399(2007).