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[Marker Primary Antibody]

Rabbit Anti-ZNF141/Biotin Conjugated antibody

Catalog Number: SL7165R-Bio

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-ZNF141/Biotin
Immunogen:	KLH conjugated synthetic peptide derived from human ZNF141
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	WB=1000-10000 IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:50-200 IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:Human)
Background:	background: A zinc finger encoding cDNA (ZNF141) of the C2-H2/KRAB subfamily has been mapped to the 4p- (Wolf-Hirschhorn) syndrome (WHS) chromosome region. Zinc finger encoding genes would be good candidates for being involved in the multiple developmental defects associated with chromosomal aneusomy--because of their role as transcriptional regulators, their abundance in the genome and their known association with specific developmental disorders. **Function:** May be involved in transcriptional regulation as a repressor. Plays a role in limb development. **Subcellular Location:** Nuclear. DISEASE: The disease is caused by mutations affecting the gene represented

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	in this entry. Disease description:A condition characterized by the occurrence of supernumerary digits in the upper and/or lower extremities. In postaxial polydactyly type A, the extra digit is well-formed and articulates with the fifth or a sixth metacarpal/metatarsal. **Similarity:** Belongs to the krueppel C2H2-type zinc-finger protein family. Contains 11 C2H2-type zinc fingers. Contains 1 KRAB domain. **Database links:** **Entrez Gene:** 7700 Human Omim: 194648 Human **SwissProt:** Q15928 Human **Unigene:** 654355 Human Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.