



Rabbit Anti-ZNF141 antibody

SL7165R

Product Name:	ZNF141
Chinese Name:	Zinc finger protein141抗体
Alias:	D4S90; PAPA6; pHZ-44; Zinc finger protein 141.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	55kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ZNF141:151-250/471
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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 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.

SWISS:

Q15928

Gene ID:

7700

Database links:

[Entrez Gene: 7700](#) Human

[Omir: 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.