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Rabbit Anti-ZNF323 antibody

SL13604R

Product Name:	ZNF323
Chinese Name:	Zinc finger protein323抗体
Alias:	dJ874C20; OTTHUMP00000016202; zinc finger and SCAN domain containing 31; zinc finger protein 310 pseudogene; Zinc finger protein 323; ZSC31_HUMAN; ZNF20-Lp; ZNF310P; ZNF323; ZSCAN31.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=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:	47kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ZNF323:151-250/406
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:	Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. As a member of the Krüppel C2H2-type zinc-finger protein family, ZNF323 (zinc finger protein 323) is a 406 amino acid protein containing six C2H2-type zinc fingers and one SCAN box domain. Specifically, C2H2-type zinc fingers function to

bind DNA, while SCAN box domains are thought to participate in protein-protein interactions. Therefore, it is probable that ZNF323 functions as a transcription factor. With highest expression in kidney, liver and lung and weaker expression in brain, heart, intestine, muscle, cholecyst and pancreas, ZNF323 is localized to the nucleus. It is also suggested that ZNF323 may play a role in the development of multiple embryonic organs.

Function:
May function as a transcription factor. May be involved in the development of multiple embryonic organs.

Subcellular Location:
Nucleus.

Tissue Specificity:
Expressed at high levels in the lung, liver, and kidney, while weakly expressed in intestine, brain, muscle, cholecyst, heart, and pancreas.

Similarity:
Belongs to the krueppel C2H2-type zinc-finger protein family.
Contains 6 C2H2-type zinc fingers.
Contains 1 SCAN box domain.

SWISS:
Q96LW9

Gene ID:
64288

Database links:

Entrez Gene: 64288 Human

Omim: 610794 Human

SwissProt: Q96LW9 Human

Unigene: 656413 Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.