



Rabbit Anti-ZXDC antibody

SL16391R

Product Name:	ZXDC
Chinese Name:	Zinc finger proteinZXDC抗体
Alias:	SERH2790; UNQ2790; Zinc finger protein ZXDC; ZXD family zinc finger C; ZXD like zinc finger protein; ZXD-like zinc finger protein; Zxdc; ZXDC HUMAN; ZXDL.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Rabbit,Sheep,
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:	89kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ZXDC:201-300/858
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 X-linked duplicated family member C (ZXDC) is an 858 amino acid protein belonging to the ZDX family. Localized to the nucleus, ZDXC is expressed at high levels in heart, kidney, liver and testis, with lower levels of expression in lung, muscle, placenta, small intestine and spleen. ZDXC, with ZDXA, forms a complex that binds to the class II trans-activator (CIITA). CIITA, like the X1-binding regulatory factor X (RFX) complex and the nuclear factor Y (NFY) complex, is a transcriptional co-factor

that is necessary, but not sufficient, for major histocompatibility complex (MHC) class II gene transcription. ZXDC, by regulating CIITA function, activates the transcription of MHC genes.

Function:

Cooperates with CIITA to promote transcription of MHC class I and MHC class II genes.

Subcellular Location:

Nucleus.

Tissue Specificity:

Expressed at high levels in heart, kidney, liver and testis, at moderate levels in brain and stomach, and at low levels in lung, muscle, placenta, small intestine and spleen.

Similarity:

Belongs to the ZXD family.
Contains 10 C2H2-type zinc fingers.

SWISS:

Q2QGD7

Gene ID:

79364

Database links:

[Entrez Gene: 79364](#) Human

[Entrez Gene: 80292](#) Mouse

[Entrez Gene: 362399](#) Rat

[SwissProt: Q2QGD7](#) Human

[SwissProt: Q8C8V1](#) Mouse

[Unigene: 440049](#) Human

[Unigene: 711046](#) Human

[Unigene: 100116](#) Mouse

[Unigene: 473652](#) Mouse

Important Note:

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

www.sunlongbiotech.com