



Rabbit Anti-RTF1 antibody

SL12261R

Product Name:	RTF1
Chinese Name:	组织相容性复合物RTF1抗体
Alias:	CDGIN; GTL 7; GTL7; KIAA0252; Ortholog of mouse gene trap locus 7; RNA polymerase associated protein RTF1 homolog; RNA polymerase-associated protein RTF1 homolog; RTF 1; RTF1; Rtf1 Paf1/RNA polymerase II complex component homolog; RTF1_HUMAN; rtf1L; YGL244W;
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Cow,Horse,Rabbit,
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:	80kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from Human RTF1:231-350/710
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:	RTF1 is the the major histocompatibility complex (MHC) in the rat which contains genes that code for two class II histocompatibility antigens. RT1-B is an antigen of the RT1 complex. It is a protein dimer consisting of an alpha and beta glycoprotein chain and is homologous to I-A and I-E genes, respectively, in the H-2 complex of the mouse.

MHC Class II antigens are useful in studying T helper cell interaction with class II positive antigen presenting cells (dendritic cells, B cells, macrophages) and offer new possibilities for studying the development of T helper cells since these antibodies also stain stromal cells in the thymus.

Function:

Plays a role in transcription-coupled histone modification. Plays a role in regulation of transcription. Required for maximal induction of heat-shock genes (By similarity). Binds single-stranded DNA.

Subunit:

Component of the PAF1 complex, which consists of CDC73, PAF1, LEO1, CTR9, RTF1 and WDR61; the association of RTF1 appears to be less stable than that of other subunits. At least in HeLa cells a N-terminal shorter form of RTF1 is also found in the complex.

Subcellular Location:

Nucleus, nucleoplasm (By similarity).

Similarity:

Contains 1 Plus3 domain.

SWISS:

Q92541

Gene ID:

23168

Database links:

[Entrez Gene: 23168](#)Human

[Entrez Gene: 76246](#)Mouse

[Entrez Gene: 366169](#)Rat

[Omim: 611633](#)Human

[SwissProt: Q92541](#)Human

[SwissProt: A2AQ19](#)Mouse

[SwissProt: Q08EC5](#)Mouse

Important Note:

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

