



Rabbit Anti-CRTR1 antibody

SL12593R

Product Name:	CRTR1
Chinese Name:	CP2相关转录抑制因子1抗体
Alias:	CP2 related transcriptional repressor 1; CP2-related transcriptional repressor 1; CRTR 1; CRTR-1; LBP 9; LBP9; TF2L1_HUMAN; TF2L1; TF2L2; Transcription factor CP2 like 1; Transcription factor CP2 like protein 1; Transcription factor CP2-like protein 1; Transcription factor LBP 9; Transcription factor LBP-9; Transcription factor LBP9.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Cow,Horse,
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 CRTR1:181-280/479
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:	The long terminal repeat binding protein-1 (LBP-1) mammalian family of transcription factors are proteins that stimulate transcription in HeLa cells from the major late promoter of simian virus 40 in vitro. The two related human LBP-1 genes are TF2L2A, which encodes the alternatively spliced transcripts LBP-1a and LBP-1b, and TF2L2C,

which encodes LBP-1c and LBP-1d. LBP-9, also designated transcription factor CP2-like 1 (TFCP2L1), is a protein of 479 amino acids. LBP-9 shows 83% sequence homology with LBP-1b and acts as a suppressor factor inhibiting the stimulation effect of LBP-1b. LBP-9 may regulate the P450scc reporter activity through the -155/-131 element.

Function:

Transcriptional suppressor. May suppress UBP1-mediated transcriptional activation. Modulates the placental expression of CYP11A1.

Subcellular Location:

Nucleus.

Tissue Specificity:

Highly expressed in placental JEG-3 cells and very low levels of expression in non-steroidogenic cells. No expression was seen in adrenal NCI-H295A cells or in adrenal tissue.

Similarity:

Belongs to the grh/CP2 family. CP2 subfamily.

SWISS:

Q9NZI6

Gene ID:

29842

Database links:

[Entrez Gene: 29842](#) Human

[Entrez Gene: 81879](#) Mouse

[Omid: 609785](#) Human

[SwissProt: Q9NZI6](#) Human

[SwissProt: Q3UNW5](#) Mouse

[Unigene: 156471](#) Human

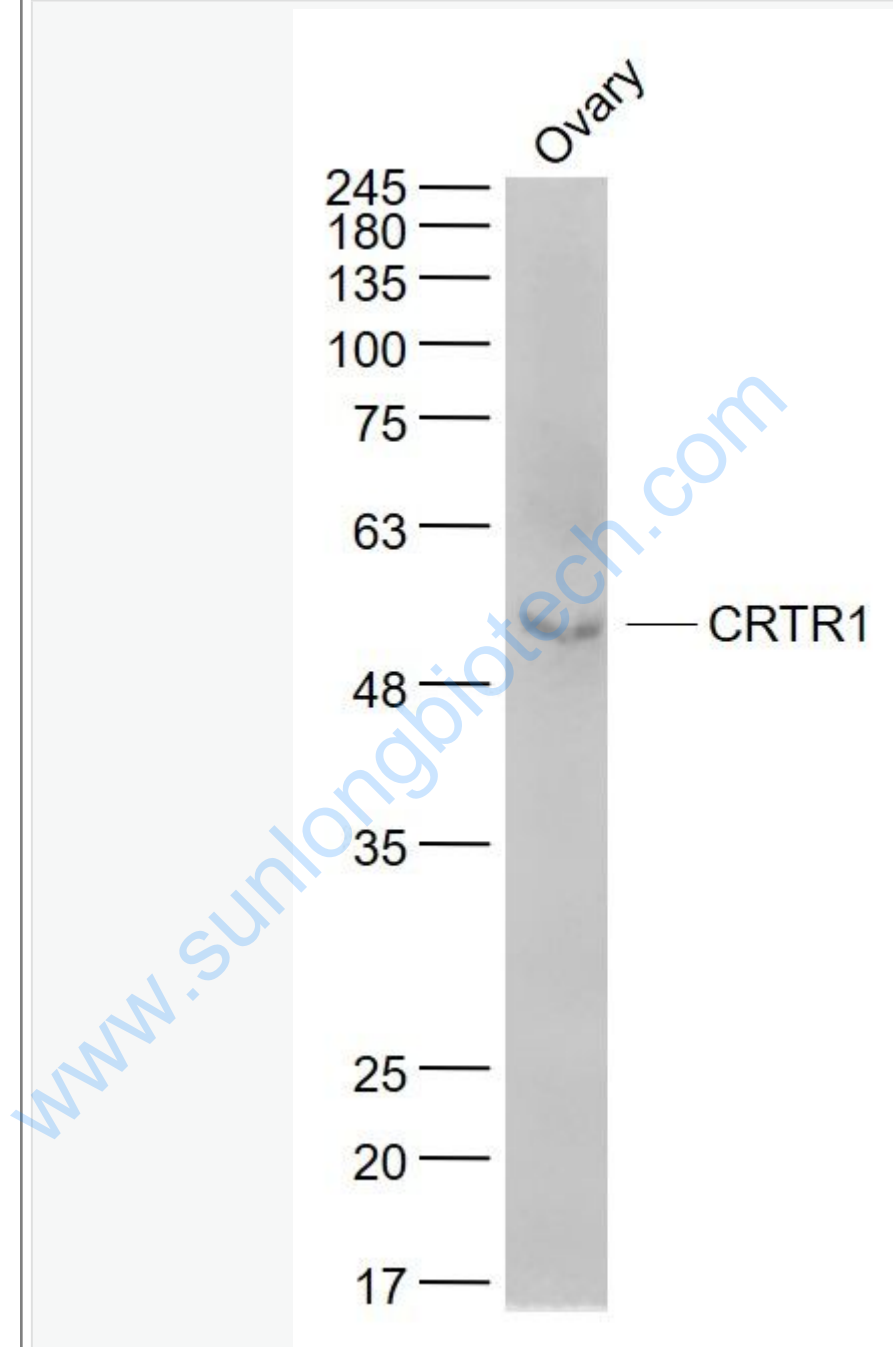
[Unigene: 24621](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.

Picture:



Sample:

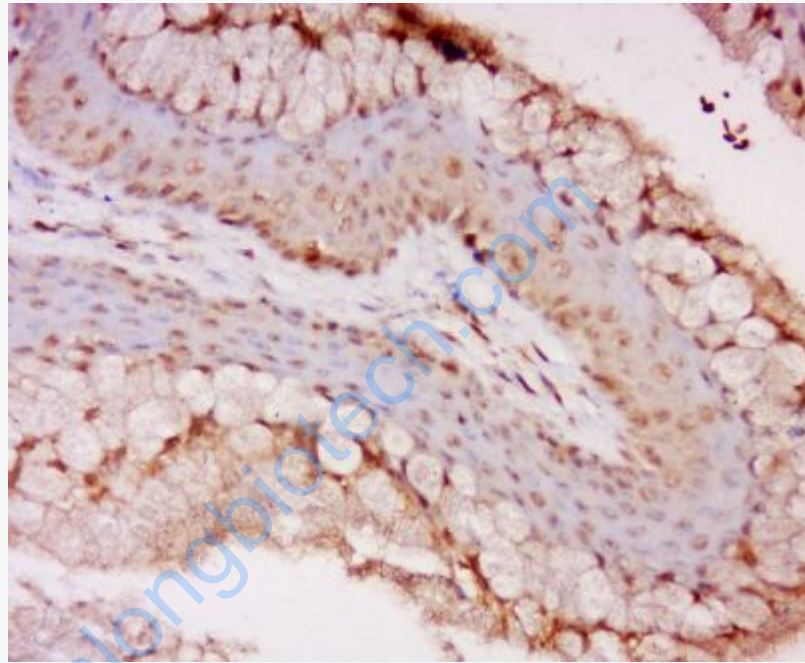
Ovary (Mouse) Lysate at 40 ug

Primary: Anti- CRTR1 (SL12593R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 55 kD

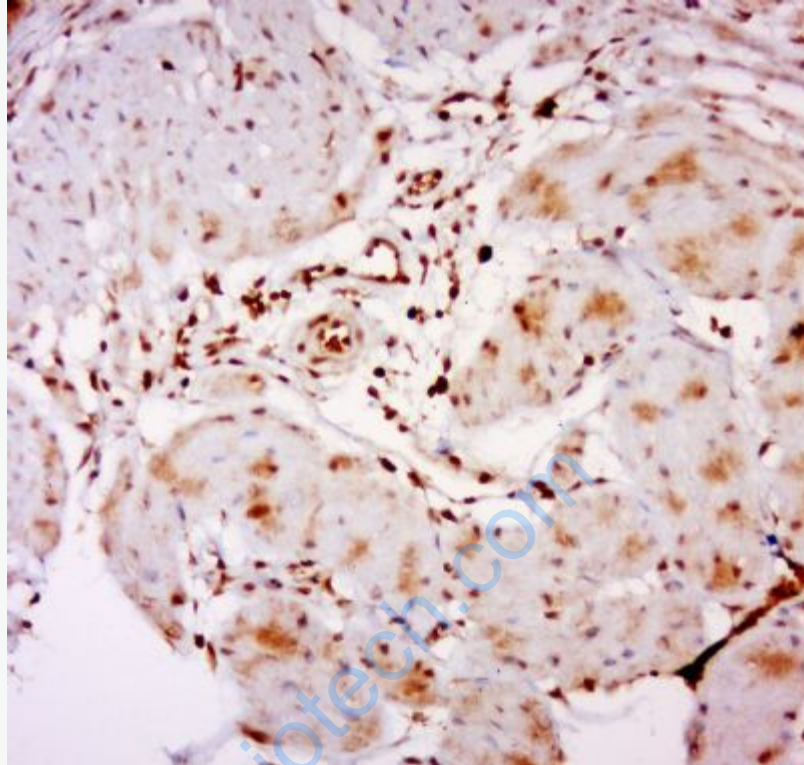
Observed band size: 55 kD



Tissue/cell: human endometrium tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min;

Incubation: Anti-CRTR1 Polyclonal Antibody, Unconjugated(SL12593R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: mouse placenta tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-CRTR1 Polyclonal Antibody, Unconjugated(SL12593R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining