CRTRT1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CRTRT1, Polyclonal Antibody
Full Product Name	CRTRT1, NT (TFCP2L1, CRTR1, LBP9, Transcription factor CP2-like protein 1, CP2-related transcriptional repressor 1, Transcription factor LBP-9) (MaxLight 550)
Product Gene Name	anti-CRTRT1 antibody
Product Synonym Gene Name	TFCP2L1
Product Synonym Names	TFCP2L1; CRTR1; LBP9; Transcription factor CP2-like protein 1; CP2-related transcriptional repressor 1; Transcription factor LBP-9
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	54,627 Da
OMIM	609785
3D Structure	ModBase 3D Structure for Q9NZI6
Immunogen	CRTRT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 13-44 amino acids from the N-terminal region of human CRTRT1.
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-CRTRT1 antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-CRTRT1 antibody	Western Blot (WB), FLISA
Application Notes for anti-CRTRT1 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-CRTRT1 antibody	Transcriptional suppressor. CRTRT1 may suppress UBP1-mediated transcriptional activation. Modulates the placental expression of CYP11A1.
Product References and Citations for anti-CRTRT1 antibody	To, S., et al. PLoS ONE 5 (7), E11702 (2010): Henderson, Y.C., et al. DNA Cell Biol. 27(2):71-79(2008). Hillier, L.W., et al. Nature 434(7034):724-731(2005). Huang, N., et al. Mol. Endocrinol. 19(2):409-420(2005). Rodda, S., et al. J. Biol. Chem. 276(5):3324-3332(2001).

Other Notes	Small volumes of anti-CRTRT1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CRTRT1 purchase	MBS6288996 is an antibody targeting CRTRT1. Also known as CRTRT1, NT (TFCP2L1, CRTR1, LBP9, Transcription factor CP2-like protein 1, CP2-related transcriptional repressor 1, Transcription factor LBP-9) (MaxLight 550). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CRTRT1. It may not necessarily be applicable to this product.

NCBI GI #	7657299
NCBI GeneID	29842
NCBI Accession #	NP_055368.1
UniProt Primary Accession #	Q9NZI6
UniProt Secondary Accession #	Q4ZG43
UniProt Related Accession #	Q9NZI6
GenBank Nucleotide #	NM_014553.2
NCBI Official Full Name	transcription factor CP2-like protein 1
NCBI Official Synonym Full Names	transcription factor CP2-like 1
NCBI Official Symbol	TFCP2L1
NCBI Official Synonym Symbols	LBP9; CRTR1; LBP-9
UniProt Protein Name	Transcription factor CP2-like protein 1
UniProt Synonym Protein Names	CP2-related transcriptional repressor 1; CRTR-1; Transcription factor LBP-9
UniProt Gene Name	TFCP2L1
UniProt Synonym Gene Names	CRTR1; LBP9; CRTR-1
UniProt Entry Name	TF2L1_HUMAN
NCBI Protein Information	transcription factor CP2-like protein 1; CRTR-1; transcription factor LBP-9; CP2-related transcriptional repressor 1
UniProt Comments for CRTRT1	TFCP2L1: Transcriptional suppressor. May suppress UBP1-mediated transcriptional activation. Required for normal duct development in the salivary gland and kidney. Modulates the placental expression of CYP11A1. Belongs to the grh/CP2 family. CP2 subfamily. Protein type: DNA-binding Chromosomal Location of Human Ortholog: 2q14 Cellular Component: membrane; cytoplasm; nucleus Molecular Function: sequence-specific DNA binding; transcription corepressor activity; transcription factor activity Biological Process: regulation of transcription from RNA polymerase II promoter; transcription, DNA-dependent; salivary gland development; epithelial cell maturation; cell morphogenesis; cytoplasm organization and biogenesis; female pregnancy; determination of adult life span; negative regulation of transcription from RNA polymerase II promoter; steroid biosynthetic process; positive regulation of growth
Research Articles on CRTRT1	**1.** Study show that CRTR-1 is generally an activator of transcription and that it modulates the activity of other family members, CP2, NF2d9 and altNF2d9, in a cell specific manner.

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