TFCP2L1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TFCP2L1, Polyclonal Antibody
Full Product Name	TFCP2L1 Polyclonal Antibody
Product Gene Name	anti-TFCP2L1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	54kDa
OMIM	609785
3D Structure	ModBase 3D Structure for Q9NZI6
Immunogen	Recombinant protein of human TFCP2L1 (NP_055368.1).
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TFCP2L1 antibody	Western Blot (WB)
Application Notes for anti-TFCP2L1 antibody	WB: 1:500-1:2000
Related Product Information for anti-TFCP2L1 antibody	MBS8567135 is an antibody targeting TFCP2L1. Also known as TFCP2L1 Polyclonal Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-TFCP2L1 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TFCP2L1. It may not necessarily be applicable to this product.

NCBI GI #	7657299
NCBI GeneID	29842
NCBI Accession #	NP_055368
UniProt Primary Accession #	Q9NZI6
UniProt Related Accession #	Q9NZI6
GenBank Nucleotide #	NP_055368.1
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
Protein Family	Transcription factor CP2-like protein
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
UniProt Comments for TFCP2L1	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 TFCP2L1	**1.** Studies reveal that TFCP2, TFCP2L1, UBP1 belong to a transcription factors subfamily and involved in various aspects of cancer types and development as either proto-oncogenes or tumor suppressors. They can directly interact with each other; TFCP2, TFCP2L1 and UBP1 can form heteromeric DNA-binding complexes. In addition, TFCP2L1 can modulate the activity of TFCP2 and UBP1. [review]
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