

Rabbit TF2L1 Polyclonal Antibody | anti-TF2L1 antibody

TF2L1 Antibody

CATALOG # AAA322722	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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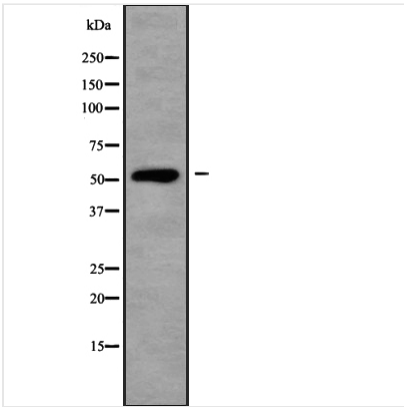
PRODUCT SYNONYMS

TF2L1; Polyclonal Antibody; TF2L1 Antibody; CP2 related transcriptional repressor 1; CP2-related transcriptional repressor 1; CRTR 1; CRTR-1; LBP 9; LBP9; TF2L1_HUMAN; TFCP2 L1; TFCP2L1; 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; anti-TF2L1 antibody

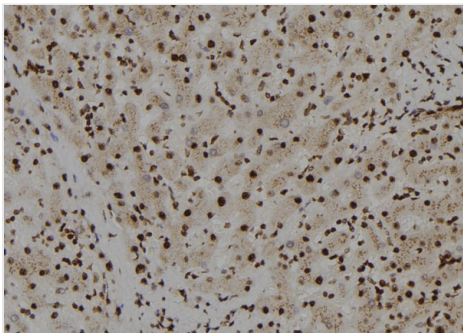
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TF2L1 antibody detects endogenous levels of total TF2L1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	479
Applicable Applications for anti-TF2L1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TF2L1
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.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of TF2L1 using HT-29 whole cell lysates



IHC (Immunohistochemistry)
AAA322722 at 1/100 staining Human liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-TF2L1 antibody	Function: Transcription factor that facilitates establishment and maintenance of pluripotency in embryonic stem cells (ESCs) (PubMed:25215486, PubMed:26906118). With KLF2, acts as the major effector of self-renewal that mediates induction of pluripotency downstream of LIF/STAT3 and Wnt/beta-catenin signaling (By similarity). Required for normal duct development in the salivary gland and kidney (By similarity). Coordinates the development of the kidney collecting ducts intercalated (IC) and principal (PC) cells, which regulate acid-base and salt-water homeostasis, respectively (By similarity). Regulates the expression of IC genes including subunits B1 and D2 of the V-ATPase complex, OXGR1, CA12, SLC4A1, AQP6 and IC-specific transcription factor FOXI1 (By similarity). Regulates also the expression of JAG1 and subsequent notch signaling in the collecting duct (By similarity). JAG1 initiates notch signaling in PCs but inhibits notch signaling in ICs (By similarity). Acts as a transcriptional suppressor that may suppress UBP1-mediated transcriptional activation (By similarity). Modulates the placental expression of CYP11A1 (PubMed:10644752). Subunit Structure: Forms homohexamers via its SAM-like domain (PubMed:26906118). Interacts with MTA1; which is indispensable for TFCP2L1-mediated self-renewal-promoting effect and endoderm-inhibiting action (By similarity). Similarity: The CP2-like domain is required for direct DNA-binding (PubMed:26906118). The CP2-like domain is essential to maintain the undifferentiated state of embryonic stem cells (By similarity).The SAM-like domain is required for homohexamerization (PubMed:26906118). Belongs to the grh/CP2 family. CP2 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7657299
NCBI GeneID	29842
NCBI Accession #	NP_055368.1
NCBI GenBank Nucleotide #	NM_014553.2
UniProt Accession #	Q9NZI6; Q4ZG43
Molecular Weight	Observed: 55 kDa Predicted: 55 kDa
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
NCBI Protein Information	transcription factor CP2-like protein 1
UniProt Protein Name	Transcription factor CP2-like protein 1

UniProt Gene Name	TFCP2L1
UniProt Synonym Gene Names	CRTR1; LBP9; CRTR-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tf2l1-antibody-immunohistochemistry-western-blot-elisa/322722>