G-Biosciences Image not found or type unknown

Immunotag™ TF2L1 Antibody

Antibody Specification

Catalog No.	ITA2367
Product Description	Immunotag™ TF2L1 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TF2L1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:1000-3000 IHC 1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human TF2L1
Specificity	TF2L1 Antibody detects endogenous levels of total TF2L1
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	TFCP2L1
Accession No.	Q9NZI6
Alternate Names	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;

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Description	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).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	55 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.