Elabscience®

TFCP2L1 Polyclonal Antibody

catalog number: E-AB-90356

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human
Immunogen	Recombinant fusion protein of human TFCP2L1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
Applications	Recommended Dilution

WB 1:500-1:2000

Data



Western blot analysis of extracts of various cell lines using

TFCP2L1 Polyclonal Antibody at 1:1000 dilution.

Observed-MV:58 kDa Calculated-MV:54 kDa

Preparation & Storage	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it imme

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Background

Transcription factor that facilitates establishment and maintenance of pluripotency in embryonic stem cells (ESCs. 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.

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