

## ARG59474 anti-TCF7L1 / TCF3 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes TCF7L1 / TCF3
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TCF7L1 / TCF3
Species	Human
Immunogen	Synthetic peptide of Human TCF7L1 / TCF3.
Conjugation	Un-conjugated
Alternate Names	TCF-3; Transcription factor 7-like 1; TCF3; HMG box transcription factor 3

### Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

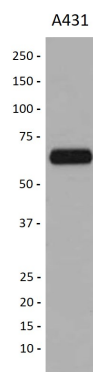
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Gene Symbol	TCF7L1
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Gene Full Name	transcription factor 7-like 1 (T-cell specific, HMG-box)
Background	This gene encodes a member of the T cell factor/lymphoid enhancer factor family of transcription factors. These transcription factors are activated by beta catenin, mediate the Wnt signaling pathway and are antagonized by the transforming growth factor beta signaling pathway. The encoded protein contains a high mobility group-box DNA binding domain and participates in the regulation of cell cycle genes and cellular senescence. [provided by RefSeq, Nov 2010]
Function	Participates in the Wnt signaling pathway. Binds to DNA and acts as a repressor in the absence of CTNNB1, and as an activator in its presence. Necessary for the terminal differentiation of epidermal cells, the formation of keratohyalin granules and the development of the barrier function of the epidermis (By similarity). Down-regulates NQO1, leading to increased mitomycin c resistance. [UniProt]
Calculated Mw	63 kDa
Cellular Localization	Nucleus. [UniProt]

## Images



ARG59474 anti-TCF7L1 / TCF3 antibody WB image

Western blot: A431 cell lysate stained with ARG59474 anti-TCF7L1 / TCF3 antibody.