

Datasheet for ABIN2787453
anti-TCF7L1 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	TCF7L1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCF7L1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TCF7L1
Sequence:	ESENQSSSSD SEAERRPQPV RDTFQKPRDY FAEVRRPQDS AFFKGPPYPG
Predicted Reactivity:	Cow: 86%, Dog: 86%, Human: 100%, Mouse: 86%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against TCF7L1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TCF7L1
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Target Details

Alternative Name:	TCF7L1 (TCF7L1 Products)
Background:	TCF7L1 participates in the Wnt signaling pathway. It binds to DNA and acts as a repressor in the absence of CTNNB1, and as an activator in its presence. It is necessary for the terminal differentiation of epidermal cells, the formation of keratohyalin granules and the development of the barrier function of the epidermis. TCF7L1 down-regulates NQO1, leading to increased mitomycin c resistance. Alias Symbols: TCF-3, TCF3 Protein Interaction Partner: UBC, mdfic, Mdfi, DAZAP2, CTNNB1, Protein Size: 588
Molecular Weight:	63 kDa
Gene ID:	83439
NCBI Accession:	NM_031283 , NP_112573
UniProt:	Q9HCS4
Pathways:	WNT Signaling , Stem Cell Maintenance

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 588 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-TCF7L1 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:1562500

Positive Control: 293T cell lysate