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# TCF7L1 Antibody (N-term)

**Affinity Purified Rabbit Polyclonal Antibody (Pab)**

**Catalog # AP20423a**

## Specification

### TCF7L1 Antibody (N-term) - Product Information

| | |
|---|---|
| Application | **WB,E** |
| Primary Accession | Q9HCS4 |
| Reactivity | **Human** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Isotype | **Rabbit IgG** |
| Calculated MW | **62631** |
| Antigen Region | **70-98** |

### TCF7L1 Antibody (N-term) - Additional Information

**Gene ID** 83439

**Other Names**
Transcription factor 7-like 1, HMG box transcription factor 3, TCF-3, TCF7L1, TCF3

**Target/Specificity**
This TCF7L1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 70-98 amino acids from the N-terminal region of human TCF7L1.

**Dilution**
WB~~1:1000

**Format**
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**
TCF7L1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### TCF7L1 Antibody (N-term) - Protein Information

**Name** TCF7L1

**Synonyms** TCF3

**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.

**Cellular Location**
Nucleus.

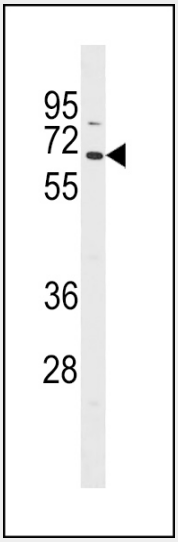
**Tissue Location**
Detected in hair follicles and skin keratinocytes, and at lower levels in stomach epithelium

## TCF7L1 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## TCF7L1 Antibody (N-term) - Images




TCF7L1 Antibody (N-term) (Cat. #AP20423a) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the TCF7L1 antibody detected the TCF7L1 protein (arrow).

## TCF7L1 Antibody (N-term) - Background

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.