

Datasheet for ABIN6972847  
**anti-TCF7 antibody (N-Term)**



[Go to Product page](#)

1 Image

## Overview

|                      |                                     |
|----------------------|-------------------------------------|
| Quantity:            | 100 µL                              |
| Target:              | TCF7                                |
| Binding Specificity: | N-Term                              |
| Reactivity:          | Human                               |
| Host:                | Rabbit                              |
| Clonality:           | Polyclonal                          |
| Conjugate:           | This TCF7 antibody is un-conjugated |
| Application:         | Western Blotting (WB)               |

## Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:       | This antibody was raised against a peptide within the N-terminal region of human TCF7.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Isotype:         | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Characteristics: | <p>TCF7 (Transcription Factor 7) is a transcriptional activator involved in T-cell lymphocyte differentiation. Necessary for the survival of CD4(+) CD8(+) immature thymocytes. Isoforms lacking the N-terminal CTNNB1 binding domain cannot fulfill this role. Binds to the T-lymphocyte-specific enhancer element (5'-WWCAAAG-3') found in the promoter of the CD3E gene. May also act as feedback transcriptional repressor of CTNNB1 and TCF7L2 target genes. TLE1, TLE2, TLE3 and TLE4 repress transactivation mediated by TCF7 and CTNNB1. TCF7 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Western blot, it has been shown to react with Human samples.</p> |
| Purification:    | Affinity Purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

Target Details

|                   |                      |
|-------------------|----------------------|
| Target:           | TCF7                 |
| Alternative Name: | TCF7 (TCF7 Products) |
| Molecular Weight: | 52 & 55 kDa          |
| NCBI Accession:   | NP_003193            |
| Pathways:         | WNT Signaling        |

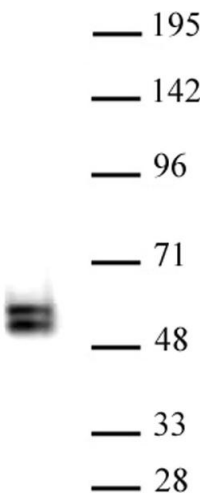
Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

Handling

|                    |                                                                                                                                                                       |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Buffer:            | Purified IgG in PBS with 30 % glycerol and 0.035 % sodium azide.                                                                                                      |
| Preservative:      | Sodium azide                                                                                                                                                          |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                                |
| Storage:           | -20 °C                                                                                                                                                                |
| Storage Comment:   | Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage. |

Validation report #104351 for Cleavage Under Targets and Release Using Nuclease (CUT&RUN)



Western Blotting

**Image 1.** TCF7 antibody (pAb) tested by Western blot. TCF7 antibody detection by Western blot. The analysis was performed using 25 µg Molt-4 nuclear extract and TCF7 antibody at a 1:500 dilution.