

## Rabbit anti-Human, Mouse TCF7 Polyclonal Antibody | anti-TCF7 antibody

TCF7 Polyclonal Antibody

|                               |                       |                                   |                                                    |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA176779</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------|

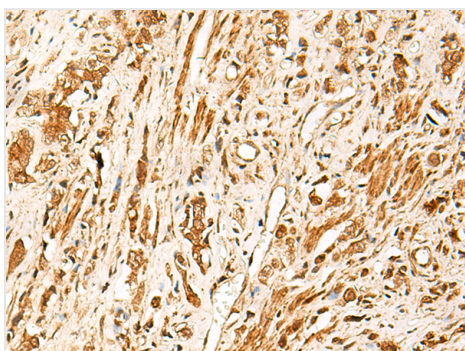
### PRODUCT SYNONYMS

TCF7; Polyclonal Antibody; TCF7 Polyclonal Antibody; FLJ36364; MGC47735; OTTHUMP00000159391; T cell factor 1; T cell specific transcription factor 1; T-cell factor 1; T-cell-specific transcription factor 1; TCF-1; TCF-7; TCF1; Tcf7; TCF7 transcription factor 7; Transcription factor 7 (T cell specific HMG box); Transcription factor 7; Transcription factor-7; T-cell specific; 1; anti-TCF7 antibody

### PRODUCT SPECIFICATIONS

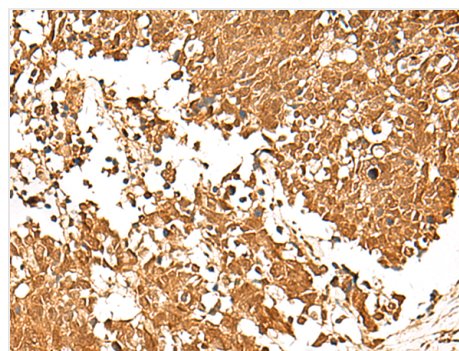
|                                                |                                                         |
|------------------------------------------------|---------------------------------------------------------|
| Host                                           | Rabbit                                                  |
| Reactivity                                     | Human, Mouse                                            |
| Clonality                                      | Polyclonal                                              |
| Isotype                                        | IgG                                                     |
| Purity/Purification                            | Antigen Affinity Purification                           |
| Form/Format                                    | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |
| Concentration                                  | 0.78mg/mL (varies by lot)                               |
| Sequence Length                                | 269                                                     |
| Applicable Applications for anti-TCF7 antibody | ELISA, IHC (Immunohistochemistry)                       |
| Immunogen                                      | Synthetic peptide of human TCF7                         |
| Conjugation                                    | Unconjugated                                            |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.        |

### IMAGES



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TCF7 Polyclonal Antibody at dilution of 1:30 (x200)



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TCF7 Polyclonal Antibody at dilution of 1:30 (x200)

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TCF7 antibody | This gene encodes a member of the T-cell factor/lymphoid enhancer-binding factor family of high mobility group (HMG) box transcriptional activators. This gene is expressed predominantly in T-cells and plays a critical role in natural killer cell and innate lymphoid cell development. The encoded protein forms a complex with beta-catenin and activates transcription through a Wnt/beta-catenin signaling pathway. Mice with a knockout of this gene are viable and fertile, but display a block in T-lymphocyte differentiation. Alternative splicing results in multiple transcript variants. Naturally-occurring isoforms lacking the N-terminal beta-catenin interaction domain may act as dominant negative regulators of Wnt signaling. |
| Product Categories/Family for anti-TCF7 antibody   | Epigenetics and Nuclear Signaling; Immunology; Stem Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

NCBI AND UNIPROT INFORMATION

|                                  |                                     |
|----------------------------------|-------------------------------------|
| NCBI GI #                        | 293651582                           |
| NCBI GeneID                      | 6932                                |
| NCBI Accession #                 | NP_001128323.2                      |
| NCBI GenBank Nucleotide #        | NP_001128323.2                      |
| UniProt Accession #              | P36402                              |
| NCBI Official Full Name          | transcription factor 7 isoform 3    |
| NCBI Official Synonym Full Names | transcription factor 7              |
| NCBI Official Symbol             | TCF7                                |
| NCBI Official Synonym Symbols    | TCF-1                               |
| NCBI Protein Information         | transcription factor 7              |
| UniProt Protein Name             | Transcription factor 7              |
| UniProt Gene Name                | TCF7                                |
| UniProt Synonym Gene Names       | TCF1; TCF-7; T-cell factor 1; TCF-1 |
| UniProt Entry Name               | TCF7_HUMAN                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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