

## Rabbit TCF4 Polyclonal Antibody | anti-TCF4 antibody

TCF4 antibody - N-terminal region

|                               |                       |                                                      |                                     |
|-------------------------------|-----------------------|------------------------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA201751</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Guinea Pig, Horse, Human, Mouse</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|------------------------------------------------------|-------------------------------------|

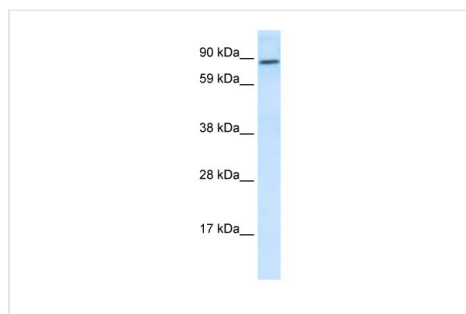
### PRODUCT SYNONYMS

TCF4; Polyclonal Antibody; TCF4 antibody - N-terminal region; anti-TCF4 antibody

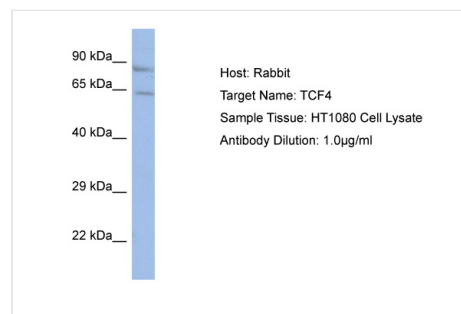
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Guinea Pig, Horse, Human, Mouse                                                                                                                       |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity Purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following region: MH HQQRMAALGT DKELSDLLDF SAMFSPPVSS GKNGPTSLAS GHFTGSNV                                                  |
| Sequence Length                                | 667                                                                                                                                                   |
| Applicable Applications for anti-TCF4 antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                       | Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%                                                                                               |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the N terminal region of human TCF4                                                             |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

WB Suggested Anti-TCF4 Antibody Titration: 0.2-1 ug/ml Positive Control: Human Placenta


**WB (Western Blot)**

Host: Rabbit Target Name: TCF4 Sample Type: HT1080 Whole Cell lysates Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TCF4 antibody | <p>This is a rabbit polyclonal antibody against TCF4. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: TCF4 encodes transcription factor 4, a basic helix-turn-helix transcription factor. The protein recognizes an Ephrussi-box ('E-box') binding site ('CANNTG') - a motif first identified in immunoglobulin enhancers. TCF4 is expressed predominantly in pre-B-cells, although it is found in other tissues as well.</p> |
| Product Categories/Family for anti-TCF4 antibody   | <p>Polyclonal; Transcription Regulation; Cell Biology; Neuroscience; Various; DNA/RNA/Protein Interactions; Transcription Factors; Cell Differentiation</p>                                                                                                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4507399                                                                                        |
| NCBI GeneID                      | 6925                                                                                           |
| NCBI Accession #                 | NP_003190                                                                                      |
| NCBI GenBank Nucleotide #        | NM_003199                                                                                      |
| UniProt Accession #              | P15884                                                                                         |
| Molecular Weight                 | 71kDa                                                                                          |
| NCBI Official Full Name          | transcription factor 4 isoform b                                                               |
| NCBI Official Synonym Full Names | transcription factor 4                                                                         |
| NCBI Official Symbol             | TCF4                                                                                           |
| NCBI Official Synonym Symbols    | E2-2; ITF2; PTHS; SEF2; FECD3; ITF-2; SEF-2; TCF-4; SEF2-1; SEF2-1A; SEF2-1B; SEF2-1D; bHLHb19 |
| NCBI Protein Information         | transcription factor 4                                                                         |
| UniProt Protein Name             | Transcription factor 4                                                                         |
| UniProt Gene Name                | TCF4                                                                                           |
| UniProt Synonym Gene Names       | BHLHB19; ITF2; SEF2; TCF-4; bHLHb19; ITF-2; SEF-2                                              |
| UniProt Entry Name               | ITF2_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.