

## Rabbit TCF4 Polyclonal Antibody | anti-TCF4 antibody

Anti-TCF4 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                          |
|-----------|--------|-------------------|-------------------------------------------------------|
| AAA262303 | Rabbit | Human, Mouse, Rat | Immunocytochemistry, Immunofluorescence, Western Blot |

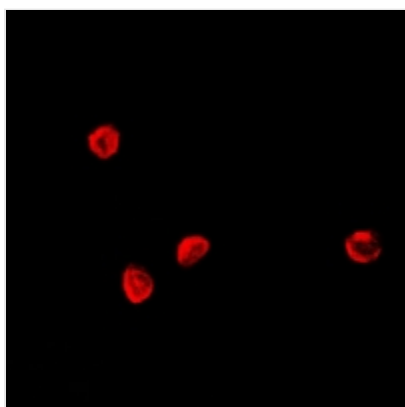
### PRODUCT SYNONYMS

TCF4; Polyclonal Antibody; Anti-TCF4 Antibody; BHLHB19; ITF2; SEF2; Transcription factor 4; TCF-4; Class B basic helix-loop-helix protein 19; bHLHB19; Immunoglobulin transcription factor 2; ITF-2; SL3-3 enhancer factor 2; SEF-2; anti-TCF4 antibody

### PRODUCT SPECIFICATIONS

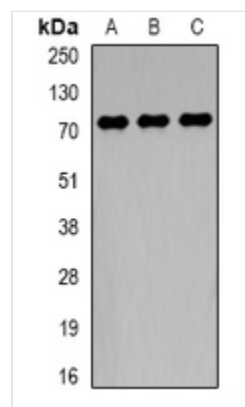
|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                         |
| Reactivity                                     | Human, Mouse, Rat                                                                                              |
| Clonality                                      | Polyclonal                                                                                                     |
| Specificity                                    | Recognizes endogenous levels of TCF4 protein.                                                                  |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                                |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.      |
| Sequence Length                                | 451                                                                                                            |
| Applicable Applications for anti-TCF4 antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                          |
| Immunogen                                      | Recombinant full length protein of human TCF4                                                                  |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of TCF4 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### WB (Western Blot)

Western blot analysis of TCF4 expression in HepG2 (A), MCF7 (B), mouse brain (C) whole cell lysates.

ADDITIONAL INFORMATION

|                                                    |                                    |
|----------------------------------------------------|------------------------------------|
| Related Product Information for anti-TCF4 antibody | Rabbit polyclonal antibody to TCF4 |
|----------------------------------------------------|------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 145312267                                                                                      |
| NCBI GeneID                      | 6925                                                                                           |
| NCBI Accession #                 | NP_001077431.1                                                                                 |
| NCBI GenBank Nucleotide #        | NM_001083962.1                                                                                 |
| UniProt Accession #              | P15884; B3KT62; B3KUC0; B4DT37; B4DUG3; B7Z5M6; B7Z6Y1; G0LNT9; G0LNU0; G0LNU1; G0LNU2; G0LNU4 |
| Molecular Weight                 | 48,098 Da                                                                                      |
| NCBI Official Full Name          | transcription factor 4 isoform a                                                               |
| 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tcf4-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/262303>