

## Rabbit TCF3 Polyclonal Antibody | anti-TCF3 antibody

Anti-TCF3 Antibody

|                               |                       |                                     |                                                           |
|-------------------------------|-----------------------|-------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA104288</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Chicken</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|-------------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

TCF3; Polyclonal Antibody; Anti-TCF3 Antibody; BHLHB21; E2A; ITF1; Transcription factor E2-alpha; Class B basic helix-loop-helix protein 21; bHLHB21; Immunoglobulin enhancer-binding factor E12/E47; Immunoglobulin transcription factor 1; Kappa-E2-binding factor; Transcription factor 3; TCF-3; Transcription factor ITF-1; anti-TCF3 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                     |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                              |
| Reactivity                                     | Human, Chicken                                                                                                                      |
| Clonality                                      | Polyclonal                                                                                                                          |
| Specificity                                    | Recognizes endogenous levels of TCF3 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                                | 651                                                                                                                                 |
| Applicable Applications for anti-TCF3 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                       |
| Immunogen                                      | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human TCF3. The exact sequence is proprietary. |
| 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



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of TCF3 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of TCF3 expression in HeLa (A), BYDP (B) whole cell lysates.

### ADDITIONAL INFORMATION

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|----------------------------------------------------|------------------------------------|
| Related Product Information for anti-TCF3 antibody | Rabbit polyclonal antibody to TCF3 |
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### NCBI AND UNIPROT INFORMATION

|           |           |
|-----------|-----------|
| NCBI GI # | 209915594 |
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|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GeneID                      | 6929                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NCBI Accession #                 | NP_001129611.1                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NCBI GenBank Nucleotide #        | NM_001136139.2                                                                                                                                                                                                                                                                                                                                                                                                                                |
| UniProt Accession #              | P15923; P15883; Q14208; Q14635; Q14636; Q2TB40; Q9UPI9                                                                                                                                                                                                                                                                                                                                                                                        |
| Molecular Weight                 | 67,265 Da                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| NCBI Official Full Name          | transcription factor E2-alpha isoform E47                                                                                                                                                                                                                                                                                                                                                                                                     |
| NCBI Official Synonym Full Names | transcription factor 3                                                                                                                                                                                                                                                                                                                                                                                                                        |
| NCBI Official Symbol             | TCF3                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NCBI Official Synonym Symbols    | E2A; E47; ITF1; VDIR; TCF-3; bHLHb21                                                                                                                                                                                                                                                                                                                                                                                                          |
| NCBI Protein Information         | transcription factor E2-alpha; kappa-E2-binding factor; VDR interacting repressor; transcription factor ITF-1; helix-loop-helix protein HE47; transcription factor 3 variant 3; immunoglobulin transcription factor 1; vitamin D receptor-interacting repressor; class B basic helix-loop-helix protein 21; negative vitamin D response element-binding protein; transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47) |
| UniProt Protein Name             | Transcription factor E2-alpha                                                                                                                                                                                                                                                                                                                                                                                                                 |
| UniProt Gene Name                | <b>TCF3</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| UniProt Synonym Gene Names       | BHLHB21; E2A; ITF1; bHLHb21; TCF-3                                                                                                                                                                                                                                                                                                                                                                                                            |
| UniProt Entry Name               | TFE2_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://stage.aaabiotech.com/polyclonal/tcf3-antibody-immunohistochemistry-western-blot-elisa/104288>