

## Rabbit E2F3 Polyclonal Antibody | anti-E2F3 antibody

Anti-E2F3 Antibody

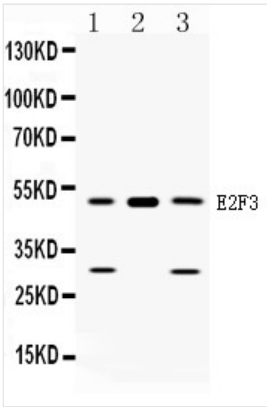
|                              |                       |                                        |                                     |
|------------------------------|-----------------------|----------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA46747</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot</b> |
|------------------------------|-----------------------|----------------------------------------|-------------------------------------|

### PRODUCT SYNONYMS

E2F3; Polyclonal Antibody; Anti-E2F3 Antibody; E2F-3; KIAA0075; Transcription factor E2F3; O00716 ; E2F transcription factor 3; anti-E2F3 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                            |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                     |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                                                                          |
| Clonality                                      | Polyclonal                                                                                                                                                                                                 |
| Isotype                                        | IgG                                                                                                                                                                                                        |
| Purity/Purification                            | Immunogen affinity purified.                                                                                                                                                                               |
| Form/Format                                    | Lyophilized<br>Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.                                                                                                                         |
| Sequence Length                                | 334                                                                                                                                                                                                        |
| Applicable Applications for anti-E2F3 antibody | WB (Western Blot)                                                                                                                                                                                          |
| Notes                                          | Tested Species: In-house tested species with positive results.<br>Other applications have not been tested.                                                                                                 |
| Reconstitution                                 | Add 0.2ml of distilled water will yield a concentration of 500ug/ml.                                                                                                                                       |
| Immunogen                                      | A synthetic peptide corresponding to a sequence at the C-terminus of human E2F3 (278-320aa QSCTLDLKLLTEDSENQRLAYVTYQDIRKISGLKDQTVIVVKA), identical to the related mouse sequence.                          |
| Preparation and Storage                        | Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing. |



**WB (Western Blot)**  
Western blot analysis of E2F3 expression in rat liver extract (lane 1), mouse cardiac muscle extract (lane 2) and U2OS whole cell lysates (lane 3). E2F3 at 49KD was detected using rabbit anti- E2F3 Antigen Affinity purified polyclonal antibody at 0.5ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-E2F3 antibody | Rabbit IgG polyclonal antibody for Transcription factor E2F3(E2F3) detection.<br>Background: Transcription factor E2F3, also known as KIAA0075, is a protein that in humans is encoded by the E2F3 gene. The protein encoded by this gene is a member of the E2F family of transcription factors. By fluorescence in situ hybridization, E2F3 gene is mapped to 6q22.3. The induction of specific E2F activities is an essential component in the MYC pathways that control cell proliferation and cell fate decisions. This gene encodes a member of a small family of transcription factors that function through binding of DP interaction partner proteins. The encoded protein recognizes a specific sequence motif in DNA and interacts directly with the retinoblastoma protein (pRB) to regulate the expression of genes involved in the cell cycle. |
| References                                         | 1. Chen, D., Pacal, M., Wenzel, P., Knoepfler, P. S., Leone, G., Bremner, R. Division and apoptosis of E2f-deficient retinal progenitors. Nature 462: 925-929, 2009.<br>2. Chong, J.-L., Wenzel, P. L., Saenz-Robles, M. T., Nair, V., Ferrey, A., Hagan, J. P., Gomez, Y. M., Sharma, N., Chen, H.-Z., Ouseph, M., Wang, S.-H., Trikha, P., and 10 others. E2f1-3 switch from activators in progenitor cells to repressors in differentiating cells. Nature 462: 930-934, 2009.                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                     |
|----------------------------------|-------------------------------------|
| NCBI GI #                        | 340523141                           |
| NCBI GeneID                      | 1871                                |
| NCBI Accession #                 | NP_001230005.1                      |
| NCBI GenBank Nucleotide #        | NM_001243076.2                      |
| UniProt Accession #              | O00716; Q15000; Q68DT0; Q9BZ44      |
| Molecular Weight                 | 37,010 Da                           |
| NCBI Official Full Name          | transcription factor E2F3 isoform 2 |
| NCBI Official Synonym Full Names | E2F transcription factor 3          |
| NCBI Official Symbol             | E2F3                                |
| NCBI Official Synonym Symbols    | E2F-3                               |
| NCBI Protein Information         | transcription factor E2F3           |
| UniProt Protein Name             | Transcription factor E2F3           |
| UniProt Gene Name                | E2F3                                |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/e2f3-antibody-western-blot-elisa/46747>