

## Rabbit anti-Human FGF2 Polyclonal Antibody | anti-FGF2 antibody

FGF2 Antibody

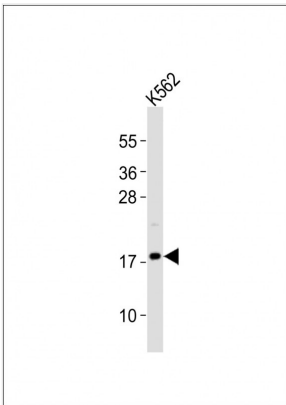
|                               |                       |                            |                                            |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA285521</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|

### PRODUCT SYNONYMS

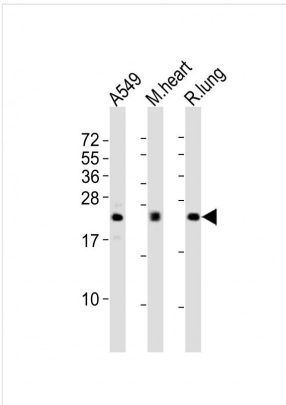
FGF2; Polyclonal Antibody; FGF2 Antibody; Fibroblast growth factor 2; FGF-2; Basic fibroblast growth factor; bFGF; Heparin-binding growth factor 2; HBGF-2; FGFB; anti-FGF2 antibody

### PRODUCT SPECIFICATIONS

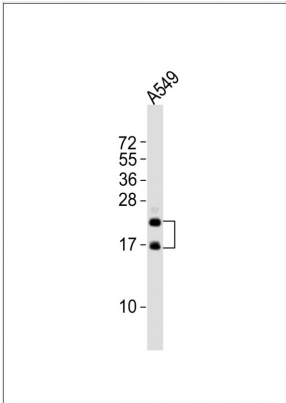
|                                                |                                                                                                                                                                              |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                       |
| Reactivity                                     | Human                                                                                                                                                                        |
| Clonality                                      | Polyclonal                                                                                                                                                                   |
| Isotype                                        | Rabbit Ig                                                                                                                                                                    |
| Specificity                                    | This FGF2 antibody is generated from a rabbit immunized with a recombinant protein.                                                                                          |
| Purity/Purification                            | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                    |
| Form/Format                                    | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                  | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Length                                | 196                                                                                                                                                                          |
| Applicable Applications for anti-FGF2 antibody | ELISA, WB (Western Blot)                                                                                                                                                     |
| Antigen Source                                 | HUMAN                                                                                                                                                                        |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |



**WB (Western Blot)**  
Anti-FGF2 Antibody at 1:2000 dilution + K562 whole cell lysates. Lysates/proteins at 20 ug per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 31 kDa. Blocking/Dilution buffer: 5% NFDm/TBST.



**WB (Western Blot)**  
All lanes : Anti-FGF2 Antibody at 1:2000 dilution. Lane 1: A549 whole cell lysates. Lane 2: mouse heart lysates. Lane 3: rat lung lysates. Lysates/proteins at 20 ug per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 31 kDa. Blocking/Dilution buffer: 5% NFDm/TBST.



**WB (Western Blot)**  
Anti-FGF2 Antibody at 1:2000 dilution + A549 whole cell lysates. Lysates/proteins at 20 ug per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 31 kDa. Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-FGF2 antibody | Plays an important role in the regulation of cell survival, cell division, angiogenesis, cell differentiation and cell migration. Functions as potent mitogen in vitro.                                                                                                                            |
| Product Categories/Family for anti-FGF2 antibody   | Stem Cells                                                                                                                                                                                                                                                                                         |
| References                                         | Abraham J.A.,et al.Cold Spring Harb. Symp. Quant. Biol. 51:657-668(1986).<br>Abraham J.A.,et al.EMBO J. 5:2523-2528(1986).<br>Prats H.,et al.Proc. Natl. Acad. Sci. U.S.A. 86:1836-1840(1989).<br>Goshima N.,et al.Nat. Methods 5:1011-1017(2008).<br>Hillier L.W.,et al.Nature 434:724-731(2005). |

NCBI AND UNIPROT INFORMATION

|                           |             |
|---------------------------|-------------|
| NCBI GI #                 | 153285461   |
| NCBI GeneID               | 2247        |
| NCBI Accession #          | NP_001997.5 |
| NCBI GenBank Nucleotide # | NM_002006.4 |

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| UniProt Accession #              | P09038; O00527; P78443; Q16443; Q5PY50; Q7KZ11; Q7KZ72; Q9UC54; Q9UCS5; Q9UCS6; A4LBB8 |
| Molecular Weight                 | 30770                                                                                  |
| NCBI Official Full Name          | fibroblast growth factor 2                                                             |
| NCBI Official Synonym Full Names | fibroblast growth factor 2 (basic)                                                     |
| NCBI Official Symbol             | FGF2                                                                                   |
| NCBI Official Synonym Symbols    | BFGF; FGFB; FGF-2; HBGF-2                                                              |
| NCBI Protein Information         | fibroblast growth factor 2                                                             |
| UniProt Protein Name             | Fibroblast growth factor 2                                                             |
| UniProt Gene Name                | <b>FGF2</b>                                                                            |
| UniProt Synonym Gene Names       | FGFB; FGF-2; bFGF; HBGF-2                                                              |
| UniProt Entry Name               | FGF2_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/fgf2-antibody-western-blot-elisa/285521>