

## Rabbit anti-Human IGFBP5 Polyclonal Antibody | anti-IGFBP5 antibody

[KO Validated] IGFBP5 Rabbit pAb

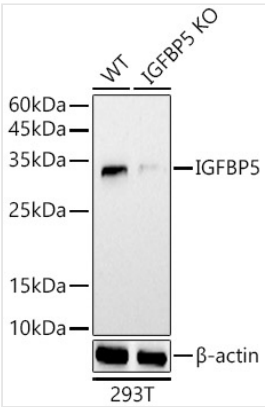
|                               |                       |                            |                                     |
|-------------------------------|-----------------------|----------------------------|-------------------------------------|
| CATALOG #<br><b>AAA282206</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-------------------------------------|

### PRODUCT SYNONYMS

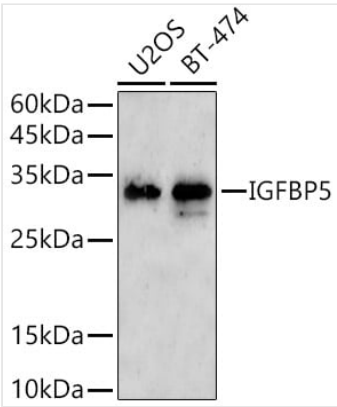
IGFBP5; Polyclonal Antibody; [KO Validated] IGFBP5 Rabbit pAb; IBP5; insulin-like growth factor-binding protein 5; anti-IGFBP5 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                                            |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                                                     |
| Reactivity                                       | Human                                                                                                                                                                                                                                      |
| Clonality                                        | Polyclonal                                                                                                                                                                                                                                 |
| Isotype                                          | IgG                                                                                                                                                                                                                                        |
| Purity/Purification                              | Affinity purification                                                                                                                                                                                                                      |
| Form/Format                                      | PBS with 0.05% proclin300, 50% glycerol, pH7.3.                                                                                                                                                                                            |
| Sequence                                         | MDPFLVLLHS VSSSLSSSEL TELKFLCLGR VGKRKLERVQ SGLDLFSMLL EQNDLEPGHT ELLRELLASL<br>RRHDLLRRVD DFEAGAAAGA APGEEDLCAA FNVICDNVGK DWRRLARQLK VSDTKIDSIE DRYPRNLTER<br>VRESLRIWKN TEKENATVAH LVGALRSCQM NLVADLVQEV QQARDLQNRS GAMSPMSWNS DASTSEAS |
| Applicable Applications for anti-IGFBP5 antibody | WB (Western Blot)                                                                                                                                                                                                                          |
| Positive Samples                                 | 293T, U2OS, BT-474                                                                                                                                                                                                                         |
| Immunogen                                        | Recombinant fusion protein containing a sequence corresponding to amino acids 21-272 of human IGFBP5 (NP_000590.1).                                                                                                                        |
| Cellular Location                                | Secreted                                                                                                                                                                                                                                   |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze/thaw cycles.                                                                                                                                                                                           |



**WB (Western Blot)**  
Western blot analysis of extracts from wild type (WT) and IGFBP5 knockout (KO) 293T cells, using IGFBP5 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



**WB (Western Blot)**  
Western blot analysis of extracts of various cell lines, using IGFBP5 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                           |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-IGFBP5 antibody | IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors. |
| Product Categories/Family for anti-IGFBP5 antibody   | Signal Transduction; Cell Biology & Developmental Biology; Growth factor; Polyclonal Antibodies                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4505229                                                                                                                                                                                                                  |
| NCBI GeneID                      | 8772                                                                                                                                                                                                                     |
| NCBI Accession #                 | NP_003815.1                                                                                                                                                                                                              |
| NCBI GenBank Nucleotide #        | NM_003824.3                                                                                                                                                                                                              |
| UniProt Accession #              | Q13158; Q14866; Q6IBR4                                                                                                                                                                                                   |
| Molecular Weight                 | 23,279 Da                                                                                                                                                                                                                |
| NCBI Official Full Name          | protein FADD                                                                                                                                                                                                             |
| NCBI Official Synonym Full Names | Fas (TNFRSF6)-associated via death domain                                                                                                                                                                                |
| NCBI Official Symbol             | FADD                                                                                                                                                                                                                     |
| NCBI Official Synonym Symbols    | GIG3; MORT1                                                                                                                                                                                                              |
| NCBI Protein Information         | protein FADD; growth-inhibiting gene 3 protein; mediator of receptor induced toxicity; mediator of receptor-induced toxicity; Fas-associating protein with death domain; Fas-associating death domain-containing protein |
| UniProt Protein Name             | Protein FADD                                                                                                                                                                                                             |
| UniProt Gene Name                | FADD                                                                                                                                                                                                                     |
| UniProt Synonym Gene Names       | MORT1                                                                                                                                                                                                                    |
| UniProt Entry Name               | FADD_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.

