

# Rabbit anti-Human, Rat Bone Morphogenetic Protein 3 Polyclonal Antibody | anti-BMP3 antibody

Polyclonal Antibody to Bone Morphogenetic Protein 3 (BMP3)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA143309 | Rabbit | Human, Rat | ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot |

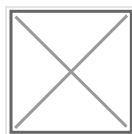
## PRODUCT SYNONYMS

Bone Morphogenetic Protein 3; Polyclonal Antibody; Polyclonal Antibody to Bone Morphogenetic Protein 3 (BMP3); anti-BMP3 antibody

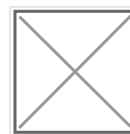
## PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                      |
| Reactivity                                     | Human, Rat                                                                                                                                                                                                                                                                                                                  |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                  |
| Specificity                                    | The antibody is a rabbit polyclonal antibody raised against BMP3. It has been selected for its ability to recognize BMP3 in immunohistochemical staining and western blotting.                                                                                                                                              |
| Purity/Purification                            | Affinity Chromatography                                                                                                                                                                                                                                                                                                     |
| Form/Format                                    | Liquid                                                                                                                                                                                                                                                                                                                      |
| Concentration                                  | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                    |
| Sequence                                       | Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below.<br>MGSSH HHHHHSSGLV PRGSHMASMT GGQQMGRGSE F-EERKPYKS LQTQPPEKSR SKKKQRKGPH<br>QKGQTLQFDE QTLKKARRKQ WIEPRNCARR YLKVDFADIG WSEWISPKS FDAYYCSGAC QFPMPKSLKP<br>SNHATIQSIV RAVGVVSGIP EPCCVPEKMS SLSILFFDEN K |
| Applicable Applications for anti-BMP3 antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                             |
| Fragment                                       | BMP3 (Glu312~Cys467)                                                                                                                                                                                                                                                                                                        |
| Organism Species                               | Rattus norvegicus (Rat)                                                                                                                                                                                                                                                                                                     |
| Cross Reactivity                               | Human, Rat                                                                                                                                                                                                                                                                                                                  |
| Conjugate                                      | No Conjugate                                                                                                                                                                                                                                                                                                                |
| Immunogen                                      | Recombinant BMP3 (Glu312~Cys467) expressed in E. coli.                                                                                                                                                                                                                                                                      |
| Conjugated Antibody                            | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                       |
| Preparation and Storage                        | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                               |

## IMAGES



IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Rat Lung Tissue.



IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Rat Skeletal Muscle Tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant BMP3, Rat.

**WB (Western Blot)**

Western Blot: Lane1: Rat Heart Tissue; Lane2: Human Hela Cells.

**NCBI AND UNIPROT INFORMATION**

|                                  |                              |
|----------------------------------|------------------------------|
| NCBI GI #                        | <a href="#">8392993</a>      |
| NCBI GeneID                      | <a href="#">25667</a>        |
| NCBI Accession #                 | <a href="#">NP_058801.1</a>  |
| NCBI GenBank Nucleotide #        | <a href="#">NM_017105.1</a>  |
| UniProt Accession #              | <a href="#">P49002</a>       |
| Molecular Weight                 | 52,675 Da                    |
| NCBI Official Full Name          | bone morphogenetic protein 3 |
| NCBI Official Synonym Full Names | bone morphogenetic protein 3 |
| NCBI Official Symbol             | Bmp3                         |
| NCBI Official Synonym Symbols    | PBMP3                        |
| NCBI Protein Information         | bone morphogenetic protein 3 |
| UniProt Protein Name             | Bone morphogenetic protein 3 |
| UniProt Gene Name                | <b>Bmp3</b>                  |
| UniProt Synonym Gene Names       | Bmp-3; BMP-3                 |

**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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