



# GDF-8 Polyclonal Antibody

|                           |  |
|---------------------------|--|
| <b>Catalog No</b>         | YP-Ab-15915  |
| <b>Isotype</b>            | IgG  |
| <b>Reactivity</b>         | Human;Mouse  |
| <b>Applications</b>       | WB;IHC;IF;ELISA  |
| <b>Gene Name</b>          | MSTN   |
| <b>Protein Name</b>       | Growth/differentiation factor 8  |
| <b>Immunogen</b>          | The antiserum was produced against synthesized peptide derived from human GDF-8. AA range:38-87  |
| <b>Specificity</b>        | GDF-8 Polyclonal Antibody detects endogenous levels of GDF-8 protein.  |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| <b>Source</b>             | Polyclonal, Rabbit,IgG   |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| <b>Dilution</b>           | IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200   |
| <b>Concentration</b>      | 1 mg/ml  |
| <b>Purity</b>             | ≥90%   |
| <b>Storage Stability</b>  | -20°C/1 year   |
| <b>Synonyms</b>           | MSTN; GDF8; Growth/differentiation factor 8; GDF-8; Myostatin  |
| <b>Observed Band</b>      |  |
| <b>Cell Pathway</b>       | Secreted .   |
| <b>Tissue Specificity</b> | Colon,Muscle,Pericardium,Skeletal muscle,  |
| <b>Function</b>           | function:Acts specifically as a negative regulator of skeletal muscle growth.,online information:Myostatin entry,similarity:Belongs to the TGF-beta family.,subunit:Homodimer; disulfide-linked (By similarity). Interacts with WFIKKN2, leading to inhibit its activity.,   |
| <b>Background</b>         | myostatin(MSTN) Homo sapiens This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein negatively regulates skeletal muscle cell proliferation and differentiation. Mutations in this gene are associated with increased skeletal muscle mass in humans and other mammals. [provided by RefSeq, Jul 2016], |



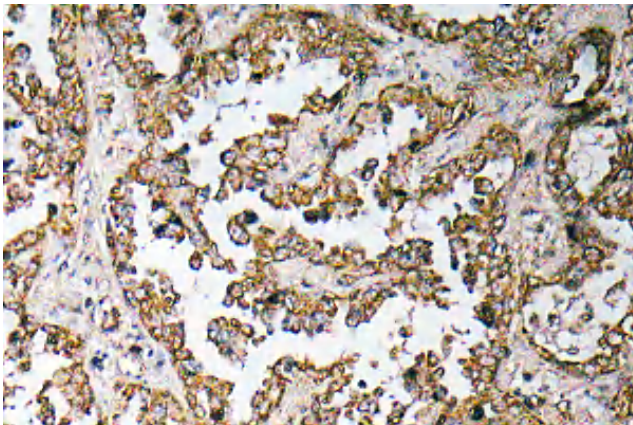
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Immunohistochemistry analysis of GDF-8 antibody in paraffin-embedded human lung carcinoma tissue.