

# Anti-BMP-5 Antibody

ER62818



<b>Product Type:</b>	Rabbit polyclonal IgG, primary antibodies
<b>Species reactivity:</b>	Human, Mouse
<b>Applications:</b>	WB, IHC-P
<b>Molecular Wt:</b>	52 kDa

**Description:** 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, which plays a role in bone and cartilage development. Polymorphisms in this gene may be associated with osteoarthritis in human patients. This gene is differentially regulated in multiple human cancers. This gene encodes distinct protein isoforms that may be similarly proteolytically processed.

**Immunogen:** The antiserum was produced against synthesized peptide derived from human BMP-5. AA range: 114-163

**Positive control:** Bone, Lung, Spleen,

**Database links:** SwissProt: P22003 Human

**Recommended Dilutions:**

<b>WB</b>	1:500-1:2000
<b>IHC-P</b>	1:100-1:300

**Storage Buffer:** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

**Storage Instruction:** Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

**Purity:** Immunogen affinity purified.



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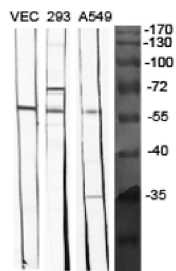
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Images



**Fig1:** Western Blot analysis of VEC cells,293 cells and A549 cells using BMP-5 Polyclonal Antibody diluted at 1:1000

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**Note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

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