



# BMP-9 rabbit pAb

Cat No.:ES8713

For research use only

## Overview

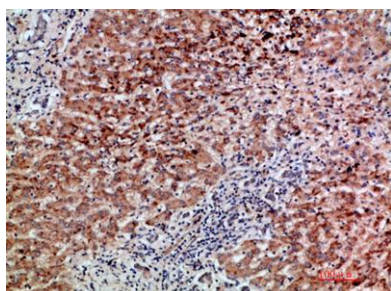
<b>Product Name</b>	BMP-9 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	IHC-p 1:50-200, ELISA 1:10000-20000
<b>Immunogen</b>	Synthetic peptide from human protein at AA range: 371-420
<b>Specificity</b>	The antibody detects endogenous BMP-9
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Growth/differentiation factor 2 (GDF-2) (Bone morphogenetic protein 9) (BMP-9)
<b>Gene Name</b>	GDF2 BMP9
<b>Cellular localization</b>	Secreted .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	2658
<b>Human Swiss-Prot Number</b>	Q9UK05
<b>Alternative Names</b>	Growth/differentiation factor 2 (GDF-2;Bone morphogenetic protein 9;BMP-9)
<b>Background</b>	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 preprotein is proteolytically processed to generate each subunit of the disulfide-linked



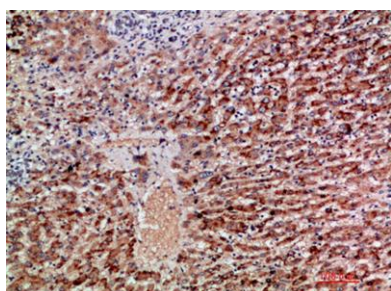


homodimer. This protein regulates cartilage and bone development, angiogenesis and differentiation of cholinergic central nervous system neurons. Mutations in this gene are associated with hereditary hemorrhagic telangiectasia. [provided by RefSeq, Jul 2016],

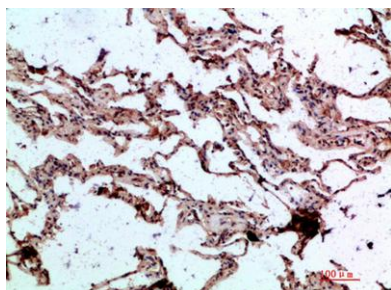
Immunohistochemical analysis of paraffin-embedded human-liver-cancer, antibody was diluted at 1:200



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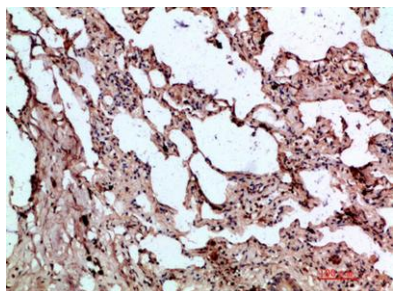
Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:200





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