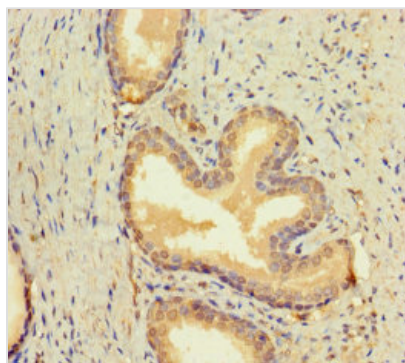


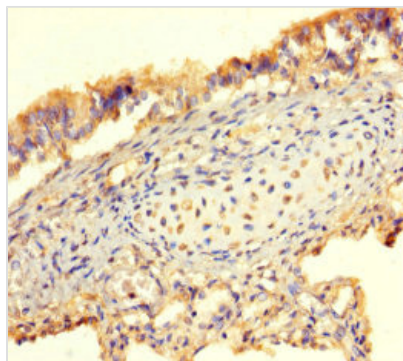
BMP4 Antibody

Product Code	CSB-PA05799A0Rb
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P12644
Immunogen	Recombinant Human Bone morphogenetic protein 4 protein (303-408AA)
Raised In	Rabbit
Species Reactivity	Human, Mouse, Zebrafish
Tested Applications	ELISA, WB, IHC; Recommended dilution: WB:1:500-1:5000, IHC:1:100-1:1000
Relevance	Induces cartilage and bone formation. Also act in mesoderm induction, tooth development, limb formation and fracture repair. Acts in concert with PTHLH/PTHRP to stimulate ductal outgrowth during embryonic mammary development and to inhibit hair follicle induction.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Bone morphogenetic protein 4 (BMP-4) (Bone morphogenetic protein 2B) (BMP-2B), BMP4, BMP2B DVR4
Species	Human
Research Area	Cardiovascular
Target Names	BMP4

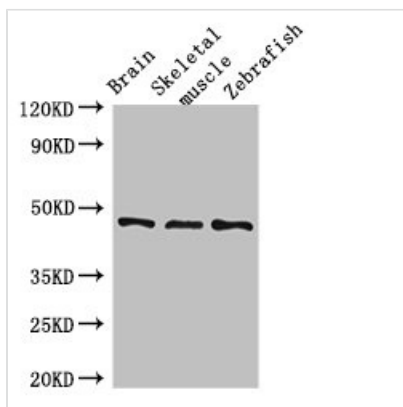
Image



Immunohistochemistry of paraffin-embedded human prostate cancer using CSB-PA05799A0Rb at dilution of 1:100



Immunohistochemistry of paraffin-embedded human lung tissue using CSB-PA05799A0Rb at dilution of 1:100



Western Blot

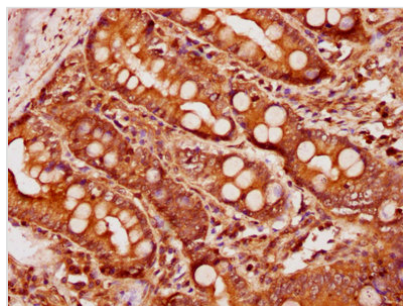
Positive WB detected in: Mouse brain tissue, Mouse skeletal muscle tissue, Zebrafish tissue
All lanes: BMP4 antibody at 3µg/ml

Secondary

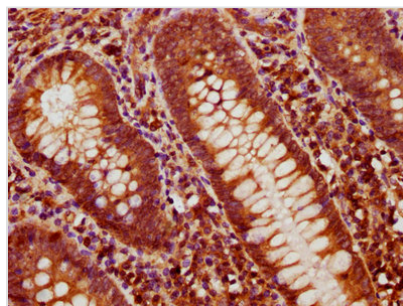
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 47 kDa

Observed band size: 47 kDa



IHC image of CSB-PA05799A0Rb diluted at 1:600 and staining in paraffin-embedded human small intestine tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC image of CSB-PA05799A0Rb diluted at 1:600 and staining in paraffin-embedded human appendix tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.