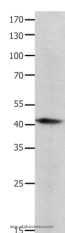


BMP4 Polyclonal Antibody

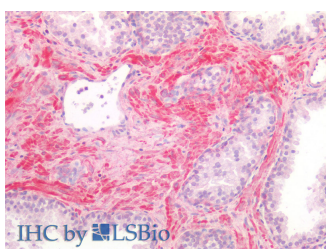
Catalog No.	E-AB-10185	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western Blot analysis of Human lymphoma tissue using BMP4 Polyclonal Antibody at dilution of 1:350



Immunohistochemistry of paraffin-embedded Human Smooth Muscle using BMP4 Polyclonal Antibody at dilution of 1:70(Elabscience® Product Detected by Lifespan).

Immunogen Information

Immunogen	Recombinant protein of human BMP4
Gene Accession	BC020546
Swissprot	P12644
Synonyms	ZYME,BMP2B,OFC11,BMP2B1,MCOPS6

Product Information

Calculated MW	47kDa
Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4
Purify	Affinity purification
Dilution	WB 1:200-1:1000 IHC 1:50-200

Background

The protein encoded by this gene is a member of the bone morphogenetic protein family which is part of the transforming growth factor-beta superfamily. The superfamily includes large families of growth and differentiation factors. Bone morphogenetic proteins were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskelatal site. This particular family member plays an important role in the onset of endochondral bone formation in humans, and a reduction in expression has been associated with a variety of bone diseases, including the heritable disorder Fibrodysplasia Ossificans Progressiva. Alternative splicing in the 5' untranslated region of this gene has been described and three variants are described, all encoding an identical protein.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.