

BMP4 Polyclonal Antibody

Catalog No. E-AB-10185

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

Description

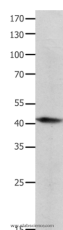
Reactivity	Human,Mouse,Rat
Immunogen	Recombinant protein of human BMP4
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications

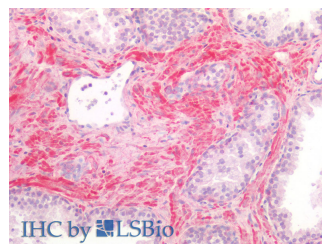
Recommended Dilution

WB	1:200-1:1000
IHC	1:50-200

Data



Western Blot analysis of Human lymphoma tissue using BMP4 Polyclonal Antibody at dilution of 1:350
Calculated Mw:47kDa



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

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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 extraskeletal 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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