BMP5 Polyclonal Antibody

catalog number: **E-AB-17735**

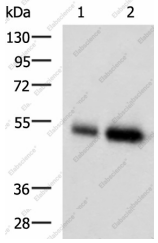
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	Synthetic peptide of human BMP5
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000

Data



Western blot analysis of Human placenta tissue and Human right lower lung tissue lysates using BMP5 Polyclonal Antibody at dilution of 1:450

Observed-MW:Refer to figures

Calculated-MW:52 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Bone morphogenetic protein-5 (BMP5),is a member of the transforming growth factor-beta (TGF-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. These proteins are synthesized as prepropeptides,cleaved,and then processed into dimeric proteins. BMP5 may act as an important signaling molecule within the trabecular meshwork and optic nerve head,and may play a potential role in glaucoma pathogenesis. BMP5 is differentially regulated in multiple human cancers.

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