

BMP8A Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51014

Product Information

Application	WB, ICC
Primary Accession	Q7Z5Y6
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44798

Additional Information

Gene ID	353500
Other Names	Bone morphogenetic protein 8A, BMP-8A, BMP8A
Dilution	WB~~1:1000 ICC~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	BMP8A
Function	Induces cartilage and bone formation. May be the osteoinductive factor responsible for the phenomenon of epithelial osteogenesis. Plays a role in calcium regulation and bone homeostasis (By similarity). Signaling protein involved in regulation of thermogenesis and energy balance. Proposed to increase the peripheral response of brown adipose tissue (BAT) to adrenergic stimulation while acting centrally in the hypothalamus to increase sympathetic output to BAT.
Cellular Location	Secreted.

Background

Induces cartilage and bone formation. May be the osteoinductive factor responsible for the phenomenon of epithelial osteogenesis. Plays a role in calcium regulation and bone homeostasis (By similarity). Signaling protein involved in regulation of thermogenesis and energy balance. Proposed to increase the peripheral response of brown adipose tissue (BAT) to adrenergic stimulation while acting centrally in the hypothalamus to increase sympathetic output to BAT.

References

Onishi M.,et al.Submitted (JUN-2003) to the EMBL/GenBank/DDBJ databases.

Gregory S.G.,et al.Nature 441:315-321(2006).

Whittle A.J.,et al.Cell 149:871-885(2012).

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