

# BMP8A Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51014

## Product Information

---

Application	WB, ICC
Primary Accession	<a href="#">Q7Z5Y6</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44798

## Additional Information

---

Gene ID	353500
Other Names	Bone morphogenetic protein 8A, BMP-8A, BMP8A
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human BMP8A. The exact sequence is proprietary.
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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.