

**SCUBE3 polyclonal antibody**

Catalog: BS34660

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Signal peptide, CUB and EGF-like domain-containing protein 3: Is a positive regulator of the BMP signaling pathway, required for proper chondrogenesis, osteogenesis and skeletal development. It acts as a coreceptor for BMP ligands, particularly BMP2 and BMP4, facilitating their interactions with BMP type I receptors. It is required for ligand-induced recruitment of BMP receptors to lipid rafts (By similarity). Binds to TGFBR2 and activates TGFBR2 signaling. In lung cancer cells, could serve as an endogenous autocrine and paracrine ligand of TGFBR2, which could regulate TGFBR2 signaling and hence modulate epithelial-mesenchymal transition and cancer progression

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~109 kDa

Swiss-Prot:

Q8IX30

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of SCUBE3 protein

DATA:

Western blot analysis of Alpha-crystallin B expression in U87 MG (A), MCF7 (B), mouse heart (C), skeletal muscle (D), rat skeletal muscle (E) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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