bs-6580R **[Primary Antibody]**

CDMP1 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 8200 **SWISS:** P43026

Target: CDMP1

Immunogen: KLH conjugated synthetic peptide derived from human CDMP1/GDF5: 201-300/501.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Defects in GDF5 are the cause of acromesomelic chondrodysplasia Grebe type (AMDG) . Acromesomelic chondrodysplasias are rare hereditary skeletal disorders characterized by short stature, very short limbs, and hand/foot malformations. The severity of limb abnormalities increases from proximal to distal with profoundly affected hands and feet showing brachydactyly and/or rudimentary fingers (knob-like fingers). AMDG is an autosomal recessive form characterized by normal axial skeletons and missing or fused skeletal elements within the hands and feet. Defects in GDF5 are the cause of acromesomelic chondrodysplasia Hunter-Thompson type (AMDH). AMDH is an autosomal recessive form of dwarfism. Patients have limb abnormalities, with the middle and distal segments being most affected and the lower limbs more affected than the upper. AMDH is characterized by normal axial skeletons and missing or fused skeletal elements within the hands and feet. Defects in GDF5 are the cause of brachydactyly type C (BDC). BDC is an autosomal dominant disorder characterized by an abnormal shortness of the fingers and toes.

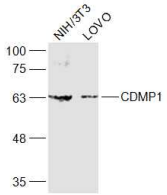
Applications: **WB** (1:500-2000)

Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Dog, Horse)

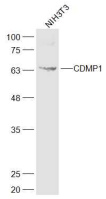
Predicted MW.: 55 kDa

Subcellular Location: Secreted ,Cell membrane

VALIDATION IMAGES



Sample: NIH/3T3(Mouse) Cell Lysate at 30 ug LOVO(Human) Cell Lysate at 30 ug Primary: Anti-CDMP1 (bs-6580R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 55 kD Observed band size: 60 kD



Sample: NIH/3T3(Mouse) Cell Lysate at 30 ug Primary: Anti-CDMP1 (bs-6580R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 55 kD Observed band size: 60 kD