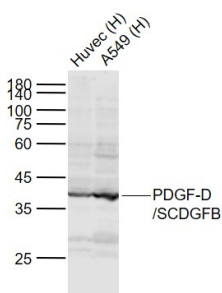


PDGF-D/SCDGFB Rabbit pAb

- Catalog Number: bs-24572R
Target Protein: PDGF-D/SCDGFB
Concentration: 1mg/ml
Form: Liquid
Host: Rabbit
Clonality: Polyclonal
Isotype: IgG
Applications: WB (1:500-2000)
Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Cow, Horse)
Predicted MW: 41 kDa
Entrez Gene: 80310
Swiss Prot: Q9GZP0
Source: KLH conjugated synthetic peptide derived from human PDGF-D/SCDGFB: 1-100/370.
Purification: affinity purified by Protein A
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: SCDGFB (Spinal cord derived growth factor B) is a member of the platelet derived growth factor family. It only forms homodimers and does not dimerize with the other three family members. It is a potent mitogen for cells of mesenchymal origin. It is activated by proteolytic cleavage and this active form acts as a specific ligand for beta platelet derived growth factor receptor. It is released by platelets upon wounding and plays an important role in stimulating adjacent cells to grow and thereby heals the wound. It induces macrophage recruitment, increased interstitial pressure, and blood vessel maturation during angiogenesis.

VALIDATION IMAGES



Sample: Lane 1: Huvec (Human) Cell Lysate at 30 ug Lane 2: A549 (Human) Cell Lysate at 30 ug Primary: Anti-PDGF-D/SCDGFB (bs-24572R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 43 kD Observed band size: 40 kD