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35-1852: Polyclonal Antibody to Smad1/Smad5/Smad8

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human,Mouse,Rat
Format :	Purified
Alternative Name :	Mad-related protein 1,SMAD 1,hSMAD1,Transforming growth factor-beta-signaling protein 1
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa.461-465(I-S-S-V-S) derived from Human Smad1. This sequence has the same homology in Smad5 and Smad8.

Description

Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD1 is a receptor-regulated SMAD (R-SMAD).SMAD5 is a receptor-regulated SMAD (R-SMAD). SMAD9 is a receptor-regulated SMAD (R-SMAD). Has been shown to be activated by activin type I receptor-like kinases (ALK-2, ALK-3, ALK-6) which stimulate heteromerization between SMAD9 and SMAD4. May play a role in osteoblast differentiation and maturation.

Product Info

Amount :	50 µl / 100 µl
Content :	1.0 mg/ml,100 µl
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 60kd, Western blotting: 1: 500~1: 1000

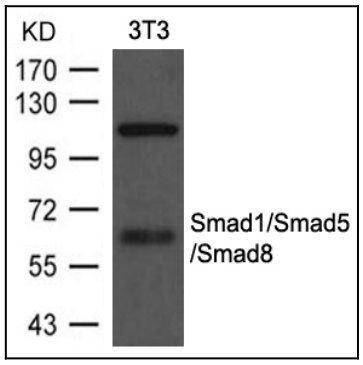


Figure 1: Western blot analysis of extracts from 3T3 cells using Smad1/Smad5/Smad8 Antibody 35-1852 .

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