

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

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|--------------------------------|---|
| 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

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| 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

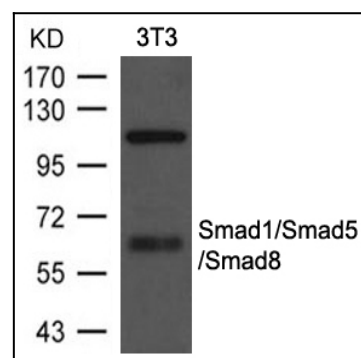


Figure 1: Western blot analysis of extracts from 3T3 cells using Smad1/Smad5/Smad8 Antibody 35-1852 .