

## 35-1642: Polyclonal Antibody to Smad1 (Ab-465)

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB,IF
<b>Reactivity :</b>	Human,Mouse,Rat
<b>Gene :</b>	SMAD1
<b>Gene ID :</b>	4086
<b>Uniprot ID :</b>	Q15797
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Mad-related protein 1, SMAD 1, hSMAD1, Transforming growth factor-beta-signaling protein 1
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around aa. 461~465 (I-S-S-V-S) derived from Human Smad1.

### Description

Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD1 is a receptor-regulated SMAD (R-SMAD).

### Product Info

<b>Amount :</b>	50 µl / 100 µl
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	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: 55kd, Western blotting: 1:500~1:1000, Immunofluorescence: 1:100~1:200

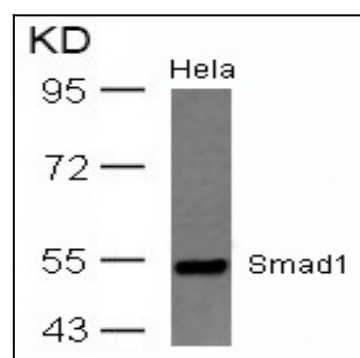


Figure 1: Western blot analysis of extracts from HeLa cells using Smad1(Ab-465) Antibody 35-1642 .

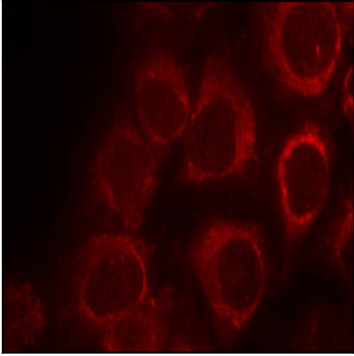


Figure 2: Immunofluorescence staining of methanol-fixed HeLa cells using Smad1(Ab-465) Antibody 35-1642 .