

**Anti-Smad3L (Ser 208/213 Phosphorylated) Rabbit IgG Affinity Purify**

**Polyclonal Antibody**

**Cat.NO.: PA01369**

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3th Edition

**Description:** Smads are critical mediators conveying signals from the TGF- $\beta$ -superfamily members to the nucleus (ref. 1-3). Activated TGF- $\beta$  type I receptor (T $\beta$ RI) and c-Jun N-terminal kinase (JNK) differentially phosphorylate Smad3 to convert two distinctive phosphoisoforms.

**Antigen:** Synthetic peptide of phosphorylated Smad3L (Ser 208/213)

**Form:** Lyophilized product from 1% BSA in PBS containing 0.05% NaN<sub>3</sub>

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1 $\mu$ g/ml.

**Specificity:** Reacts with phosphorylated Smad3L (Ser 208/213) of human, rat and mouse. Not react with phosphorylated Smad3L (Ser 204), phosphorylated Smad2L (Ser 245/250/255) and non-phosphorylated Smad3.