

Anti-Human/Mouse/Rat Phospho-SMAD2/3 (Thr8) Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA01679

3th Edition

Description: SMAD is a family of proteins similar to the gene products of the Drosophila gene 'mothers against decapentaplegic' (Mad) and the C. elegans gene Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. They mediate the signal of the transforming growth factor (TGF)-beta, and thus regulate multiple cellular processes, such as cell proliferation, apoptosis, and differentiation.

Antigen: Synthesized peptide derived from human Smad2/3 around the phosphorylation site of Thr8

Form:

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?5?g/ml.

Specificity: SMAD2 is Expressed at high levels in skeletal muscle, endothelial cells, heart and placenta.