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Phospho-SMAD2/3 (Thr8) Polyclonal Antibody

Cat #: G-AB-05764

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
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.

Gene ID:

Accession #:

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

Conjugation: Unconjugated

Swissprot: Q15796,P84022

Calculated Molecular Weight: 48 kDa

Observed Molecular Weight: 48 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4

Purification Method: Affinity purification

Application: WB,ELISA

Dilution: WB 1:500-1:2000, ELISA 1:10000

Storage: Store at -20°C. Avoid freeze / thaw cycles.