# Phospho-SMAD2/3 (Thr8) Polyclonal Antibody

Catalog Number:E-AB-21040 7 Publications

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

## Description

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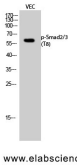
|---|---|
| **Reactivity** | Human,Mouse,Rat |
| **Immunogen** | Synthesized peptide derived from human Smad2/3 around the phosphorylation site of Thr8 |
| **Host** | Rabbit |
| **Isotype** | IgG |
| **Purification** | Affinity purification |
| **Conjugation** | Unconjugated |
| **Formulation** | PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4 |

| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:500-1:2000 |
| **ELISA** | 1:10000 |

## Data




Western Blot analysis of VEC cells with Phospho-Smad2/3 (Thr8) Polyclonal Antibody
**Observed Mw:48kDa**
**Calculated Mw:48kDa**

## Preparation & Storage

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|---|---|
| **Storage** | Store at -20℃. Avoid freeze / thaw cycles. |

## Background

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.

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