

**Product Name: Phospho-Smad2/3 (Thr8) Rabbit Polyclonal Antibody****Catalog #: APRab03350**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	Calculated MW: 52 kDa; Observed MW: 48-52, 60 kDa

**Antigen Information**

<b>Gene Name</b>	SMAD2/SMAD3 SMAD2; MADH2; MADR2; MAD homolog 2; M hMAD-2; SMAD family member 2; SMAD 2;
<b>Alternative Names</b>	Smad2; hSMAD2;SMAD3; MADH3; hMAD-3; JV15-2; SMAD family member 3; SMAD 3; Smad3; hSMAD3;smad2/3;smad2+3
<b>Gene ID</b>	4087/4088
<b>SwissProt ID</b>	Q15796/P84022
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Smad2/3 around the phosphorylation site of Thr8. AA range:1-50

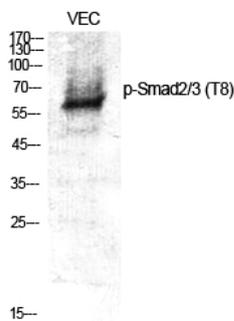
## Background

The protein encoded by this gene belongs to the SMAD, 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.

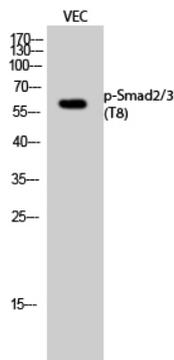
## Research Area

Signal Transduction

## Image Data



Western blot analysis of Phospho-Smad2/3 (Thr8) in various lysates using Phospho-Smad2/3 (Thr8) antibody.



Western blot analysis of Phospho-Smad2/3 (Thr8) in VEC lysates using Phospho-Smad2/3 (Thr8) antibody.