

**Anti-SMAD2/3 Antibody**  
**Rabbit polyclonal antibody to SMAD2/3**  
**Catalog # AP59614****Specification**

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**Anti-SMAD2/3 Antibody - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">Q15796</a> , <a href="#">P84022</a>
Reactivity	Human, Mouse, Rat, Zebrafish, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal

**Anti-SMAD2/3 Antibody - Additional Information****Other Names**

SMAD2; MADH2; MADR2; Mothers against decapentaplegic homolog 2; MAD homolog 2; Mothers against DPP homolog 2; JV18-1; Mad-related protein 2; hMAD-2; SMAD family member 2; SMAD 2; Smad2; hSMAD2; SMAD3; MADH3; Mothers against decapentaplegic homolog 3; MAD homolog 3; Mad3; Mothers against DPP homolog 3; hMAD-3; JV15-2; SMAD family member 3; SMAD 3; Smad3; hSMAD3

**Target/Specificity**

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human SMAD2/3. The exact sequence is proprietary.

**Dilution**

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200)  
IHC~~1:100~500

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

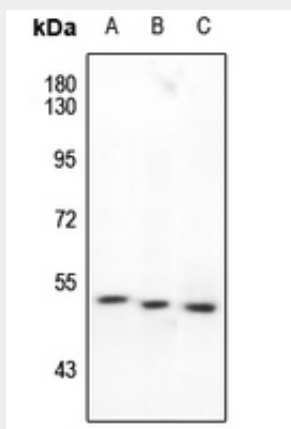
**Anti-SMAD2/3 Antibody - Protein Information****Anti-SMAD2/3 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

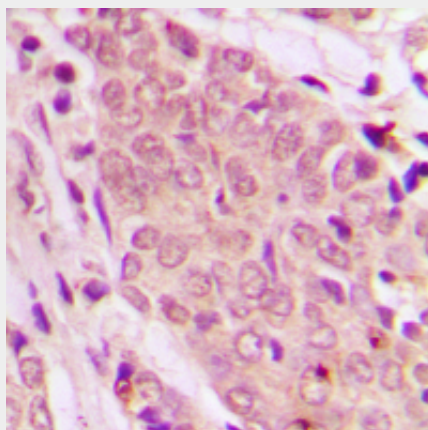
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-SMAD2/3 Antibody - Images



Western blot analysis of SMAD2/3 expression in HepG2 (A), Hela (B), mouse embryo (C) whole cell lysates.



Immunohistochemical analysis of SMAD2/3 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

### Anti-SMAD2/3 Antibody - Background

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