

## Smad3 Rabbit Polyclonal Antibody(F233)

Catalog No.: RA20154

### Basic Information

#### Information

Reactivity	H,M,R
Immunogen	Recombinant Protein
Host	Rabbit
Isotype	IgG
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	50KD

#### Applications

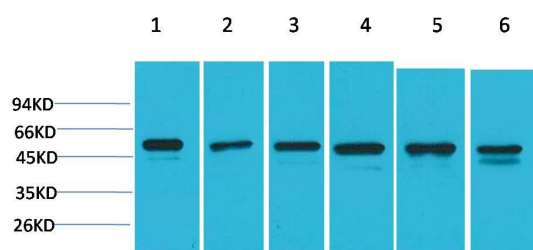
#### Recommended Dilution

WB	1:1,000-2,000
IHC	1:200-500

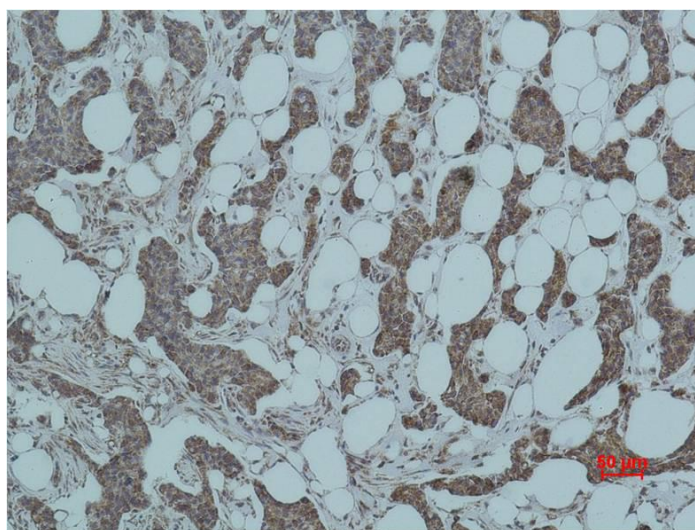
#### Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

## Experimental Data



Western blot analysis of 1)A431, 2)Hela, 3)C2C12, 4)3T3, 5)PC12, 6)Rat Brain Tissue, with Smad3 Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Breast carcinoma using Smad3 Rabbit pAb diluted at 1:500.

## Background

Receptor-regulated SMAD (R-SMAD) that is an intracellular signal transducer and transcriptional modulator activated by TGF-beta (transforming growth factor) and activin type 1 receptor kinases. Binds the TRE element in the promoter region of many genes that are regulated by TGF-beta and, on formation of the SMAD3/SMAD4 complex, activates transcription.