

## Smad3 Rabbit Polyclonal Antibody(F234)

Catalog TDY394C TDY394F  
Quantity 50 $\mu$ L 100 $\mu$ L

Tel: 010-82908854  
Web: www.tdybio.com  
Entrez-Gene ID:4088 , Swiss-Prot Acc.P84022

**For research use only.**

Applications	Species	Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	H	H	~50KD	IgG

**Storage Buffer & Condition:** Antigen Affinity Purified IgG in PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

Store at **-20°C. Do not aliquot the antibody.**

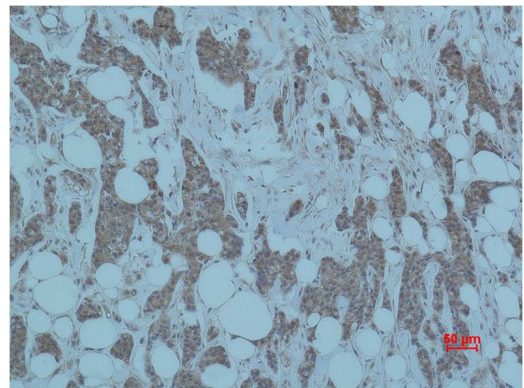
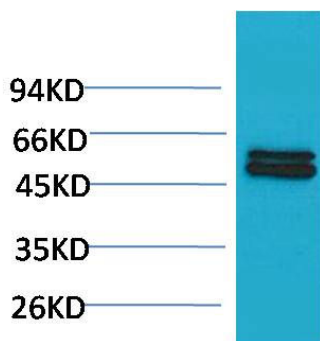
**Recommended dilutions:** WB: 1:1,000-2,000 IHC: 1:200-500

**Optimal dilutions should be determined by the end user.**

**Specificity:** Antibody can detects endogenous Smad3 protein.

**Alternative Names:** hMAD3 antibody, HSPC193 antibody, LDS1C antibody, MADH3 antibody, JV15 2 antibody

**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.



Western blot analysis of A431, with Smad3 Rabbit pAb TDY394 diluted at 1:2,000.

Immunohistochemical analysis of paraffin-embedded human Breast carcinoma using Smad3 (TDY394) Rabbit pAb diluted at 1:500.