

anti- SMAD3 antibody

Product Information

Catalog No.:	CAF50332
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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. This protein functions as a transcriptional modulator activated by transforming growth factor-beta and is thought to play a role in the regulation of carcinogenesis.

Immunogen information

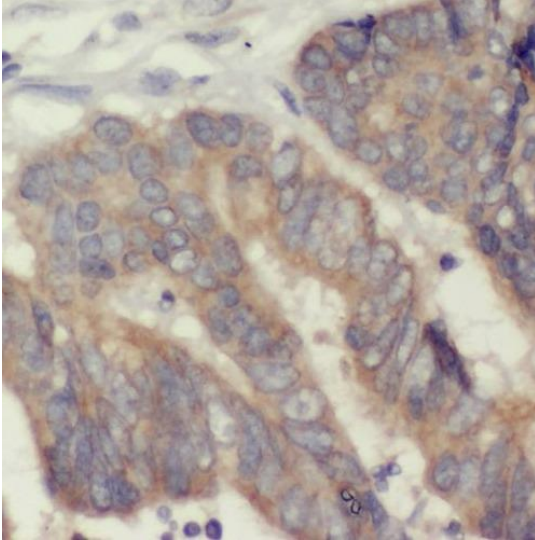
Immunogen:	SMAD family member 3
Synonyms:	MADH3, hMAD 3, hSMAD3, HSPC193, HsT17436, JV15 2, MAD homolog 3, Mad3, Mothers against DPP homolog 3, SMAD 3, SMAD family member 3, SMAD3
Observed MW:	48 kDa
Uniprot ID :	P84022

Application

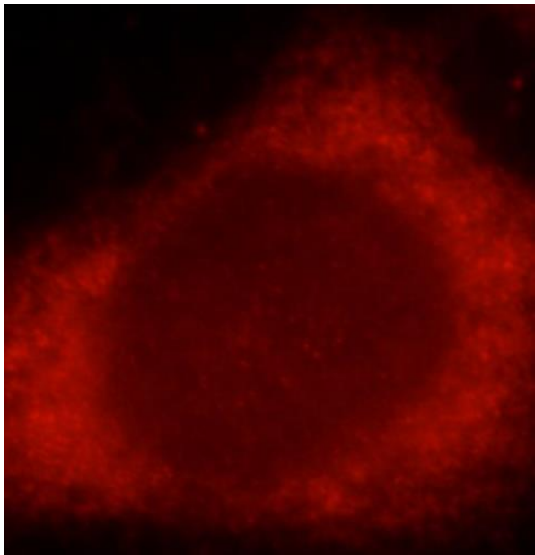
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500 - 1:2000; IHC: 1:50 - 1:200
Image:	

This Antibody is for Research Use Only. Not for Diagnostic Procedures.

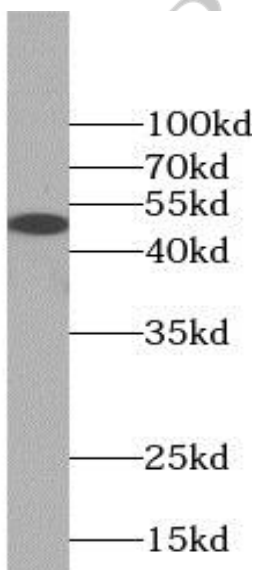
This is a sample Antibody manual only. Always refer to the hard copy manual included in the Antibody for your experiment.



Immunohistochemistry of paraffin-embedded human colon cancer tissue slide using CAF50332(SMAD3 Antibody) at dilution of 1:50



Immunofluorescent analysis of HeLa cells using CAF50332 (SMAD3 Antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG



Jurkat cells were subjected to SDS PAGE followed by western blot with CAF50332(SMAD3 Antibody) at dilution of 1:1000

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