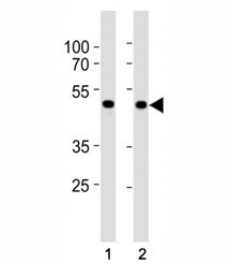
SMAD3 Antibody (F52046)

Catalog No.	Formulation	Size
F52046-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52046-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

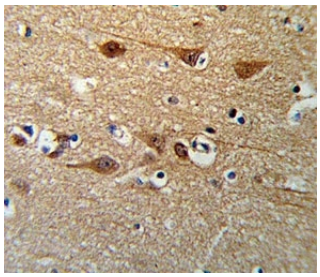
Citations (1)

Bulk quote request

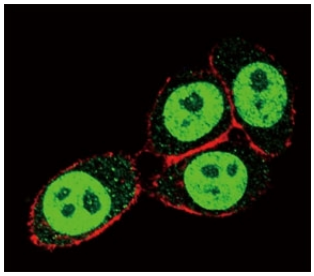
Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Rat, Pig, Chicken
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P84022
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50 Immunofluorescence: 1:10-1:50 Flow Cytometry: 1:10-1:50
Limitations	This SMAD3 antibody is available for research use only.



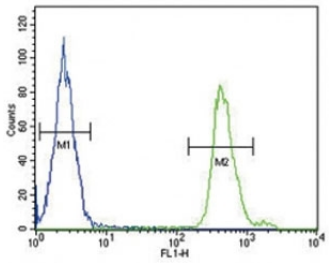
SMAD3 antibody western blot analysis in HepG2 and mouse C2C12 lysate. Observed molecular weight: 48~55 kDa.



SMAD3 antibody IHC analysis in formalin fixed and paraffin embedded brain tissue.



Confocal immunofluorescent analysis of SMAD3 antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red).



SMAD3 antibody flow cytometric analysis of MDA-MB231 cells (green) compared to aÂ negative controlÂ (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

SMAD3 Antibody detects Mothers against decapentaplegic homolog 3 protein. SMAD3 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.

To learn more about this target, explore our SMAD3 Antibody / TGF-beta Signaling Protein Antibody page featuring additional information and antibodies for SMAD3 detection.

Application Notes

Titration of the SMAD3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 186-215 from the human protein was used as the immunogen for this SMAD3 antibody.

Storage

Aliquot the SMAD3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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