

SMAD3 (Ab-425) Antibody



PACO22985

Product Information

Size:

100ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC, IF

Recommended dilutions:

ELISA:1:2000-1:10000, IHC:1:50-1:100,
IF:1:100-1:200

Protein Background:

Smad3 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.

Gene ID:

SMAD3

Uniprot

P84022

Synonyms:

JV15-2; MAD-3; MADH3; Mad3; Mothers against DPP homolog 3

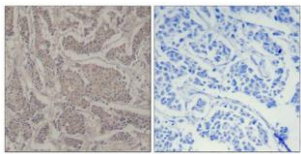
Immunogen:

Peptide sequence around aa.423~427 (C-S-S-V-S) derived from Human Smad3.

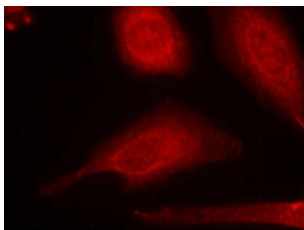
Storage:

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Smad3(Ab-425) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells using Smad3(Ab-425) Antibody.