SMAD4 Antibody

PACO13921

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:1000-1:2000, WB:1:200-1:500, IHC:1:50-1:200

Protein Background:

This gene encodes a member of the Smad family of signal transduction proteins. Smad proteins are phosphorylated and activated by transmembrane serine-threonine receptor kinases in response to TGF-beta signaling. The product of this gene forms homomeric complexes and heteromeric complexes with other activated Smad proteins, which then accumulate in the nucleus and regulate the transcription of target genes. This protein binds to DNA and recognizes an 8-bp palindromic sequence (GTCTAGAC) called the Smad-binding element (SBE). The Smad proteins are subject to complex regulation by post-translational modifications. Mutations or deletions in this gene have been shown to result in pancreatic cancer, juvenile polyposis syndrome, and hereditary hemorrhagic telangiectasia syndrome.

Gene ID:

SMAD4

Uniprot

Q13485

Synonyms:

SMAD family member 4

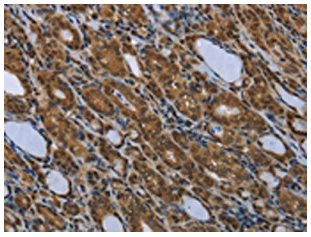
Immunogen:

Fusion protein of human SMAD4.

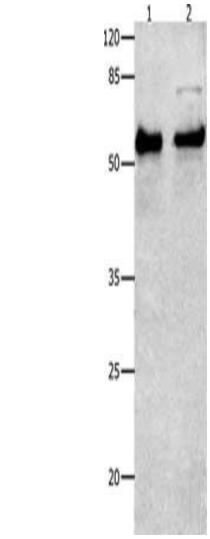
Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

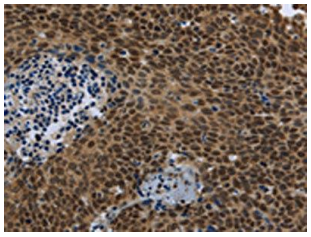
Product Images



The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO13921(SMAD4 Antibody) at dilution 1/40. (Original magnification: x—200).



Gel: 10%SDS-PAGE, Lysate: 30 μ g, Lane 1-2: Human liver cancer tissue, Hela cells, Primary antibody: PACO13921(SMAD4 Antibody) at dilution 1/150, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 2 minutes.



The image is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using PACO13921(SMAD4 Antibody) at dilution 1/40. (Original magnification: x—200).

