

SMAD2/SMAD3 Rabbit pAb

Catalog No.: A24037

Basic Information

Observed MW

95kDa

Calculated MW

48kDa/52kDa/25kDa/35kDa/43kDa

Category

Primary antibody

Applications

WB, IF/ICC, ChIP

Cross-Reactivity

Human

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.

Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

ChIP 5µg antibody for
10µg-15µg of Chromatin

Immunogen Information

Gene ID

4087/4088

Swiss Prot

Q15796/P84022

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

HSPC193; HsT17436; JV15-2; LDS1C; LDS3; MADH3; SMAD2/SMAD3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

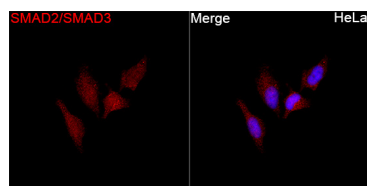
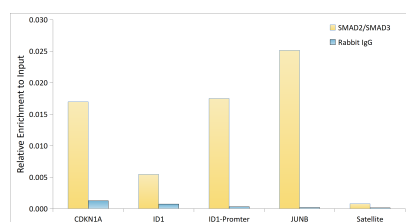
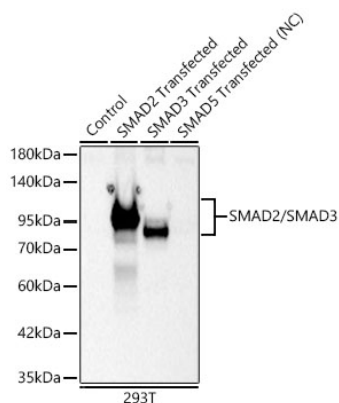
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Immunofluorescence analysis of HeLa cells using SMAD2/SMAD3 Rabbit pAb (A24037) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.