

Anti-Smad3 antibody



Catalog Number: 100662

Product name

Anti-Smad3 antibody

Specificity

human SMAD3

Antibody description

Rabbit polyclonal to Smad3

Preparation

Produced in rabbits immunized with A synthetic peptide corresponding to the center region of the human SMAD3, and purified by antigen affinity chromatography.

Formulation

0.2 µm filtered solution in PBS

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

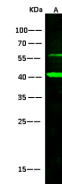
WB, IP

Dilutions

WB: 10-30 µg/ml

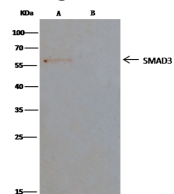
IP: 4-6 µg/mg of lysate

Validations



| Lanes | A |
|----------------------------|--|
| Sample (whole cell lysate) | A549 |
| Sample Volume (µg/lane) | 30 |
| Gel | 13% SDS-PAGE reducing gel |
| Recommended Concentration | 10-30 µg/ml |
| Secondary Antibody | Dylight 800-labeled Antibody To Rabbit IgG (H+L), at 1:5000 dilution. |
| Explanation | Developed using Odyssey imaging system. Predicted band size : 48 kDa Observed band size : 57 kDa Additional bands at : 40 kDa (We are unsure as to the identity of these extra bands. They are possible non-specific bindings). |

SMAD3 Antibody, Rabbit PAb, Antigen Affinity



| Lanes | A | B |
|----------------------------|--|------------------|
| Sample (whole cell lysate) | A549 | |
| Sample quantity | 0.5 mg | |
| IP antibody type | K1H-SMCC-sinoA424-RP02 | Rabbit Blank IgG |
| IP antibody quantity | 2 µg | |
| Protein G agarose | 15 µl of 50% Protein G Agarose | |
| Gel | 13% SDS-PAGE reducing gel | |
| Primary antibody | K1H-SMCC-sinoA424 antibody at 10 µg/ml | |
| Secondary antibody | Clean-Blot01 Detection Reagent (HRP) at 1:1000 dilution. | |

Purified, Western blot

SMAD3 Antibody, Rabbit PAb, Antigen Affinity

Purified, Immunoprecipitation