

Smad6 Rabbit pAb

Catalog No.: A24035

Basic Information

Observed MW

70kDa

Calculated MW

53kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human

Background

The protein encoded by this gene belongs to the SMAD family of proteins, which are related to *Drosophila* 'mothers against decapentaplegic' (Mad) and *C. elegans* Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein functions in the negative regulation of BMP and TGF-beta/activin-signalling. Multiple transcript variants have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

4091

Swiss Prot

O43541

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 231-330 of human Smad6 (NP_005576.3).

Synonyms

AOVD2; MADH6; MADH7; HsT17432; Smad6

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

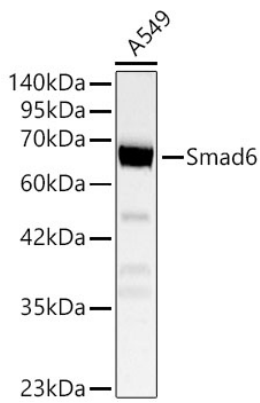
Affinity purification

Storage

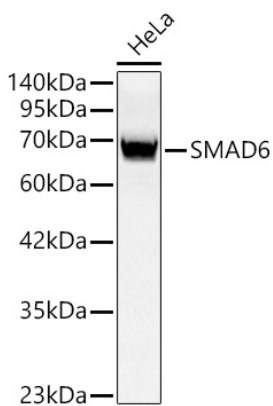
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from A549 cells using Smad6 Rabbit pAb (A24035) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Western blot analysis of lysates from HeLa cells using Smad6 Rabbit pAb (A24035) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.