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Produktinformation

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- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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(KD Validated) Smad4 Polyclonal Antibody

Catalog Number:E-AB-92374

Note: Centrifuge before opening to ensure complete recovery of vial contents.

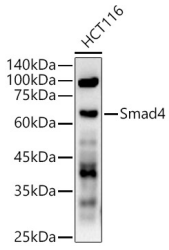
Description

Reactivity	Human,Mouse
Immunogen	Recombinant fusion protein of human Smad4
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% proclin300,50% glycerol,pH7.3.

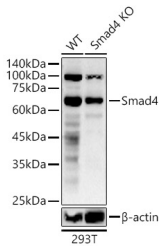
Applications — Recommended Dilution

WB	1:500-1:2000

Data



Western blot analysis of HCT116 using Smad4 Polyclonal Antibody at 1:500 dilution.
Observed Mw:70KDa
Calculated Mw:60kDa



Western blot analysis of extracts from wild type(WT) and Smad4 knockdown (KD) 293T cells using Smad4 Polyclonal Antibody at 1:500 dilution.

Preparation & Storage

Storage	Store at -20℃. Avoid freeze/thaw cycles.

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.

For Research Use Only

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