

Datasheet for ABIN7434686
anti-SMAD2 antibody (AA 272-467)



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2 Images

Overview

Quantity:	100 µL
Target:	SMAD2
Binding Specificity:	AA 272-467
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMAD2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Mothers Against Decapentaplegic Homolog 2 (Smad2)
Immunogen:	Recombinant Mothers Against Decapentaplegic Homolog 2 (Smad2) corresponding to Ala272~Ser467 (Accession # Q62432)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against Smad2. It has been selected for its ability to recognize Smad2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

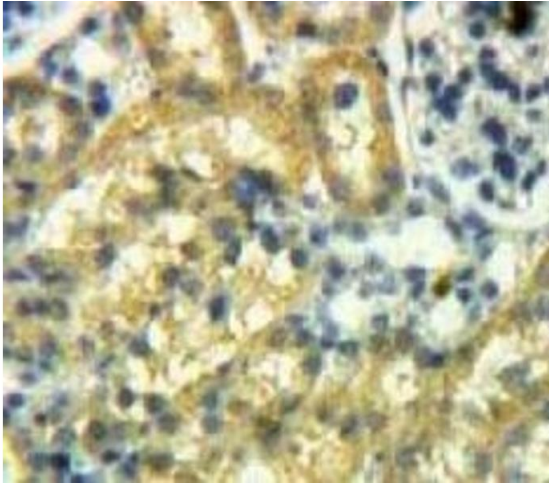
Target:	SMAD2
Alternative Name:	Mothers Against Decapentaplegic Homolog 2 (SMAD2 Products)
Background:	JV18, JV18-1, MADH2, MADR2, HMAD-2, HSMAD2, Mad-related protein 2
Pathways:	Cell Division Cycle , Hormone Transport , Chromatin Binding , Protein targeting to Nucleus

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

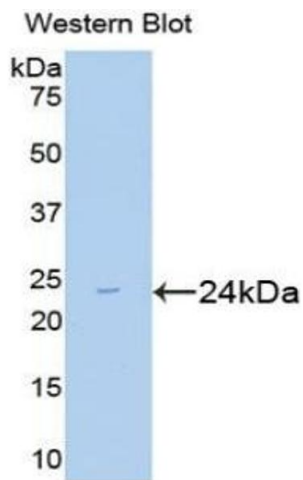
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. #VALUE!



Western Blotting

Image 2. Detection of Recombinant Smad2, Mouse using Polyclonal Antibody to Mothers Against Decapentaplegic Homolog 2 (Smad2)