

Datasheet for ABIN7646262 **anti-SMAD7 antibody**

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Overview

Quantity:	100 µL
Target:	SMAD7
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMAD7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Mothers Against Decapentaplegic Homolog 7 (Smad7)
Immunogen:	RPA648Hu01Recombinant Mothers Against Decapentaplegic Homolog 7 (Smad7)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against Smad7. It has been selected for its ability to recognize Smad7 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	SMAD7
Alternative Name:	Smad7 (SMAD7 Products)

Target Details

Background:	MADH7, MADH8, Mothers against DPP homolog 8
UniProt:	O15105
Pathways:	Interferon-gamma Pathway , Cell-Cell Junction Organization

Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL, 1:250-2500 Immunohistochemistry: 5-20 µg/mL, 1:25-100 Immunocytochemistry: 5-20 µg/mL, 1:25-100 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
Concentration:	0.5 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin, Sodium azide
Precaution of Use:	This product contains ProClin and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES 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.