

Datasheet for ABIN2794149
anti-SMAD4 antibody (pThr277)



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Overview

Quantity:	400 µL
Target:	SMAD4
Binding Specificity:	pThr277
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMAD4 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF), Dot Blot (DB)

Product Details

Purpose:	Rabbit Anti-Human Phospho-SMAD4(T277) Antibody
Immunogen:	This SMAD4 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding T277 of human SMAD4.
Isotype:	Ig Fraction

Target Details

Target:	SMAD4
Alternative Name:	SMAD4 (SMAD4 Products)
Background:	Target Description: Common mediator of signal transduction by TGF-beta (transforming growth factor) superfamily, SMAD4 is the common SMAD (co-SMAD). It promotes binding of the SMAD2/SMAD4/FAST-1 complex to DNA and provides an activation function required for

Target Details

	SMAD1 or SMAD2 to stimulate transcription. It may act as a tumor suppressor. Gene Symbol: SMAD4
Molecular Weight:	60439 Da
Gene ID:	4089
UniProt:	Q13485
Pathways:	Cell Division Cycle , Chromatin Binding , Autophagy

Application Details

Application Notes:	Immunofluorescence, Dot Blot, Immunohistochemistry Recommended Dilutions IF: 1:10-50, DB: 1:500, IHC: 1:10-50Confocal immunofluorescent analysis of Phospho-SMAD4-T277 Antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Storage:	4 °C,-20 °C
Storage Comment:	2-8°C (short-term), -20°C (long-term)