Datasheet for ABIN360050

anti-SMAD4 antibody (Ser277)

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Overview

Quantity:	0.4 mL
Target:	SMAD4
Binding Specificity:	Ser277
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMAD4 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide corresponding to amino acid residues surrounding S277 of human SMAD4.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to SMAD4.
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	SMAD4
Alternative Name:	SMAD4 (SMAD4 Products)
Background:	SMAD4 is the common SMAD (co-SMAD)mediator of signal transduction by TGF-beta

Target Details

	(transforming growth factor). It promotes binding of the SMAD2/SMAD4/FAST-1 complex to DNA and provides an activation function required for SMAD1 or SMAD2 to stimulate transcription. It may act as a tumor suppressor.Synonyms: DPC4, Deletion target in pancreatic carcinoma 4, MAD homolog 4, MADH4, Mothers against DPP homolog 4, Mothers against decapentaplegic homolog 4, SMAD 4, SMAD family member 4, SMAD-4
Gene ID:	4089, 9606
UniProt:	Q13485
Pathways:	Cell Division Cycle, Chromatin Binding, Autophagy

Application Details

Application Notes:	ELISA: 1/1,000. Western Blot: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

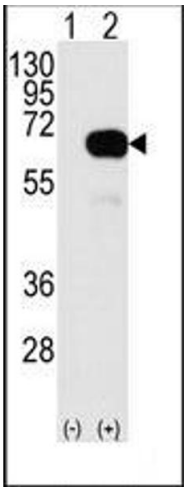

Image 1.