

Datasheet for ABIN7160249

anti-SMAD7 antibody (AA 36-247) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SMAD7
Binding Specificity:	AA 36-247
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMAD7 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Mothers against decapentaplegic homolog 7 protein (36-247AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SMAD7
Alternative Name:	SMAD7 (SMAD7 Products)
Background:	Background: Antagonist of signaling by TGF-beta (transforming growth factor) type 1 receptor superfamily members, has been shown to inhibit TGF-beta (Transforming growth factor) and

Target Details

activin signaling by associating with their receptors thus preventing SMAD2 access. Functions as an adapter to recruit SMURF2 to the TGF-beta receptor complex. Also acts by recruiting the PPP1R15A-PP1 complex to TGFBR1, which promotes its dephosphorylation. Positively regulates PDPK1 kinase activity by stimulating its dissociation from the 14-3-3 protein YWHAQ which acts as a negative regulator.

Aliases: CRCS3 antibody, FLJ16482 antibody, hSMAD 7 antibody, hSMAD7 antibody, MAD (mothers against decapentaplegic Drosophila) homolog 7 antibody, MAD antibody, Mad homolog 7 antibody, MAD homolog 8 antibody, MAD mothers against decapentaplegic homolog 7 antibody, MADH 7 antibody, MADH 8 antibody, MADH6 antibody, MADH7 antibody, MADH8 antibody, Mothers Against Decapentaplegic Drosophila Homolog of 6 antibody, Mothers Against Decapentaplegic Drosophila Homolog of 7 antibody, Mothers against decapentaplegic homolog 7 antibody, Mothers against decapentaplegic homolog 8 antibody, Mothers against DPP homolog 7 antibody, Mothers against DPP homolog 8 antibody, SMA-AND MAD-RELATED PROTEIN 7 antibody, SMAD 7 antibody, SMAD antibody, SMAD family member 7 antibody, SMAD, mothers against DPP homolog 7 (Drosophila) antibody, SMAD, mothers against DPP homolog 7 antibody, SMAD6 antibody, Smad7 antibody, SMAD7_HUMAN antibody

UniProt:	O15105
Pathways:	Interferon-gamma Pathway , Cell-Cell Junction Organization

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C

Handling

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.