

Anti-SMAD2 Antibody

Catalog #	Source	Reactivity	Applications
CPA7164	Rabbit	H, M, R, B, Z	WB
Description	Rabbit polyclonal antibody to SMAD2		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SMAD2. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of SMAD2 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000)		
Gene Symbol	SMAD2		
Alternative Names	MADH2; MADR2; Mothers against decapentaplegic homolog 2; MAD homolog 2; Mothers against DPP homolog 2; JV18-1; Mad-related protein 2; hMAD-2; SMAD family member 2; SMAD 2; Smad2; hSMAD2		
Entrez Gene	4087 (Human); 17126 (Mouse); 29357 (Rat)		
SwissProt	Q15796 (Human); Q62432 (Mouse); O70436 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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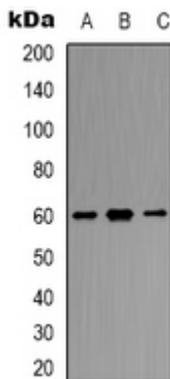
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Product Data Sheet



Western blot analysis of SMAD2 expression in Jurkat (A), HepG2 (B), NIH3T3 (C) whole cell lysates. (Predicted band size: 52 kD; Observed band size: 60 kD)

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