

Anti-Collagen 1 alpha 1/2 Antibody

Catalog #	Source	Reactivity	Applications
CPA7519	Rabbit	H, M, R	WB
Description	Rabbit polyclonal antibody to Collagen 1 alpha 1/2		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Collagen 1 alpha 1/2. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Collagen 1 alpha 1/2 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 - 1/2000)		
Gene Symbol	COL1A1; COL1A2		
Alternative Names	Collagen alpha-1(I) chain; Alpha-1 type I collagen; Collagen alpha-2(I) chain; Alpha-2 type I collagen		
Entrez Gene	1277, 1278 (Human); 12843, 12842 (Mouse); 84352, 29393 (Rat)		
SwissProt	P02452, P08123 (Human); Q01149, P11087 (Mouse); P02466, P02454 (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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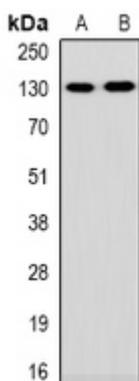
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Product Data Sheet



Western blot analysis of Collagen 1 alpha 1/2 expression in HEK293T (A), HeLa (B) whole cell lysates. (Predicted band size: 129; 138 kD; Observed band size: 130 kD)

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