

Anti-Myosin-pan (Acetyl-K505) Antibody

Catalog #	Source	Reactivity	Applications
CPA5370	Rabbit	H, M, R, B, B, D, P	WB
Description	Rabbit polyclonal antibody to Myosin-pan (Acetyl-K505)		
Immunogen	KLH-conjugated synthetic acetylated peptide corresponding to residues surrounding K505 of human Myosin-pan protein. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Myosin-pan protein only when acetylated at K505.		
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	MYH1; MYH2; MYH3; PTPRJ; MYH6; MYH7; MYH8		
Alternative Names	MYH1; Myosin-1; Myosin heavy chain 1; Myosin heavy chain 2x; MyHC-2x; Myosin heavy chain IIx/d; MyHC-IIx/d; Myosin heavy chain, skeletal muscle, adult 1; MYH2; MYHSA2; Myosin-2; Myosin heavy chain 2; Myosin heavy chain 2a; MyHC-2a; Myosin heavy chain IIa;		
Entrez Gene	4619, 4620, 4621, 5795, 4624, 4625, 4626 (Human); 17879, 17883, 17884 (Mouse); 24583, 360543 (Rat)		
SwissProt	P12882, Q9UKX2, P11055, Q9Y623, P13533, P12883, P13535 (Human); Q5SX40, P13541, Q5SX39 (Mouse); P12847, Q29RW1 (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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Product Data Sheet



Western blot analysis of Myosin-pan (Acetyl-K505) expression in rat kidney (A) whole cell lysates. (Predicted band size: 223 kD; Observed band size: 223 kD)

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