

Product Data Sheet

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

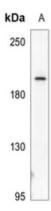
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb-Rabbit, S- Sheep, Z- Zebrafish

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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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