**APPLICATIONS**

MYPT2 (H-71) is recommended for detection of MYPT2 of mouse, rat and human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)], immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

MYPT2 (H-71) is also recommended for detection of MYPT2 in additional species, including canine.

Suitable for use as control antibody for MYPT2 siRNA (h): sc-62653, MYPT2 siRNA (m): sc-62654, MYPT2 shRNA Plasmid (h): sc-62653-SH, MYPT2 shRNA Plasmid (m): sc-62654-SH, MYPT2 shRNA (h) Lentiviral Particles: sc-62653-V and MYPT2 shRNA (m) Lentiviral Particles: sc-62654-V.

Molecular Weight of MYPT2: 110 kDa.

Positive Controls: MYPT1 (h): 293T Lysate: sc-112086, HeLa whole cell lysate: sc-2200 or Jurkat whole cell lysate: sc-2204.

**RECOMMENDED SECONDARY REAGENTS**

To ensure optimal results, the following support (secondary) reagents are recommended:


2) Immunoprecipitation: use Protein A/G PLUS-Agarose: sc-2003 (0.5 ml agarose/2.0 ml).

3) Immunofluorescence: use goat anti-rabbit IgG-FITC: sc-2012 (dilution range: 1:100-1:400) or goat anti-rabbit IgG-TR: sc-2780 (dilution range: 1:100-1:400) with UltraCruz™ Mounting Medium: sc-24941.

**DATA**

**CHROMOSOMAL LOCATION**

Genetic locus: PPP1R12B (human) mapping to 1q32.1; Ppp1r12b (mouse) mapping to 1E4.

**SOURCE**

MYPT2 (H-71) is a rabbit polyclonal antibody raised against amino acids 881-931 mapping near the C-terminus of MYPT2 of human origin.

**PRODUCT**

Each vial contains 200 µg IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.