



MYPT1 (Phospho-Thr696) Antibody

E11-0517A

Catalog Number:E11-0517A

Concentration: 1mg/ml

Swiss-Prot No.: O14974

Other Names: MBS, Myosin phosphatase target subunit 1, PPP1R12A

All Sites: Human: Thr696; Mouse: Thr694; Rat: Thr697

Storage/Stability: Store at -20°C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human MYPT1 around the phosphorylation site of threonine 696 (R-S-T^P-Q-G).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: MYPT1 (Phospho-Thr696) antibody detects endogenous levels of MYPT1 only when phosphorylated at threonine 696.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:2000 IHC: 1:50~1:100 IF: 1:500~1:1000 ELISA: 1:10000

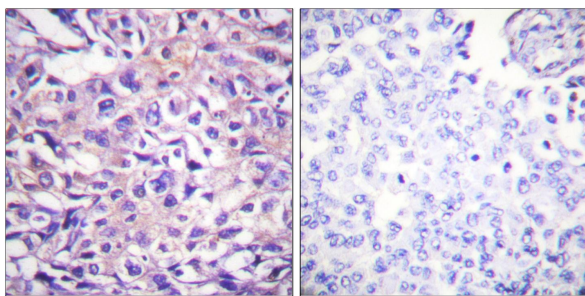
References:

Kevin B. Atkins, Am J Physiol Heart Circ Physiol, Jul 2007; 293: H402 - H408.

Allison M. Given, Am J Physiol Cell Physiol, Jan 2007; 292: C432 - C439.

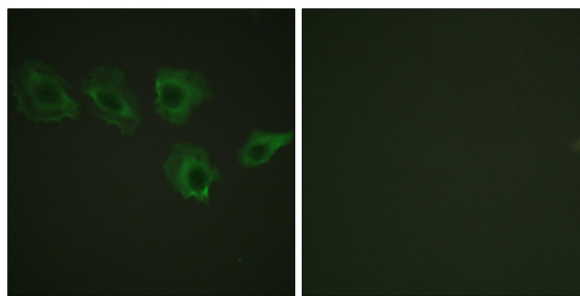
Haiying Zhang, Circ. Res., Mar 2007; 100: 730 - 737.

Mikiharu Yoshida, J. Biochem. (Tokyo), Feb 1988; 103: 380 - 385.



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using MYPT1 (Phospho-Thr696) antibody.



P-peptide - +

Immunofluorescence analysis of A549 cells, using MYPT1 (Phospho-Thr696) antibody.

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