

Phospho-MYPT1 (Thr853) Ab

[References\(6\)](#) [Images\(8\)](#)

Cat.#: AF5445
Size:

Concn.: ~1mg/ml
Source: Rabbit

Mol.Wt.: 115~140 kDa
Clonality: Polyclonal

Application:

WB 1:500-1:2000, IHC 1:50-1:200
*The optimal dilutions should be determined by the end user.

Reactivity:

Human, Mouse, Rat

Storage:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:

The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.

Immunogen:

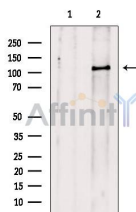
A synthesized peptide derived from human MYPT1 around the phosphorylation site of Thr853.

Uniprot:

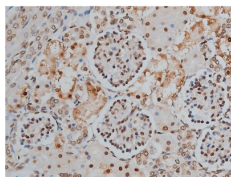
O14974

Description:

Heterotetramerization is mediated by the interaction between a coiled-coil of PRKG1 and the leucine/isoleucine zipper of PPP1R12A/MBS, the myosin-binding subunit of the myosin phosphatase.



Western blot analysis of extracts from HUVEC cells, using Phospho-MYPT1 (Thr853) Ab. The lane on the left was treated with blocking peptide.



AF5445 at 1/200 staining human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.



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