Affinity Biosciences
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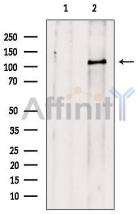
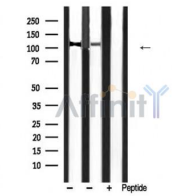
Phospho-MYPT1 (Thr853) Antibody

Cat.#: AF5445	Concn.: 1mg/ml	Mol.Wt.: 115 kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

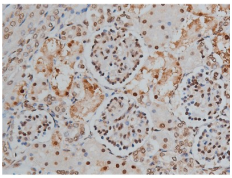
Application:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Reactivity:	Human,Mouse,Rat
Purification:	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Specificity:	Phospho-MYPT1 (Thr853) Antibody detects endogenous levels of MYPT1 only when phosphorylated at Thr853.
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.
Storage Condition and Buffer:	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.



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



Western blot analysis of extracts from various smaple,using PMYPT1 (Phospho-Thr853) Antibody.
lane1:mouse brain,
lane2:rat spleen,
lane3:rat spleen 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 antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary antibody.

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.