

Anti-Myosin Phosphatase Rabbit pAb

Purified Rabbit Polyclonal Antibody

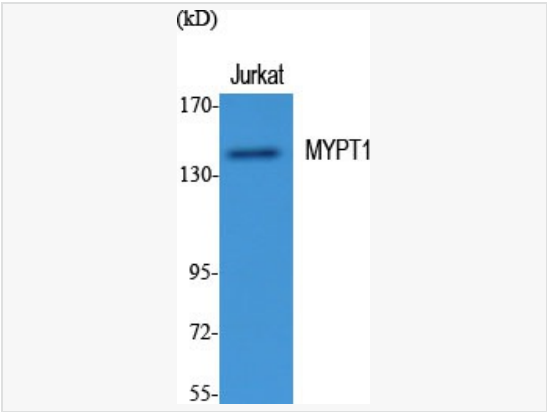
Catalog # P011254

Product Information

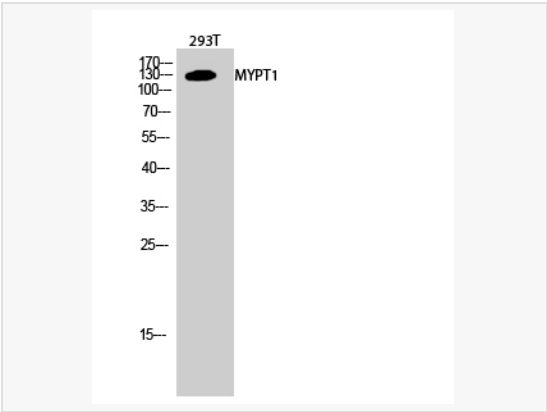
Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Monkey, Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; ELISA 1:10,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	The antiserum was produced against synthesized peptide derived from human MYPT1.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Myosin Phosphatase antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

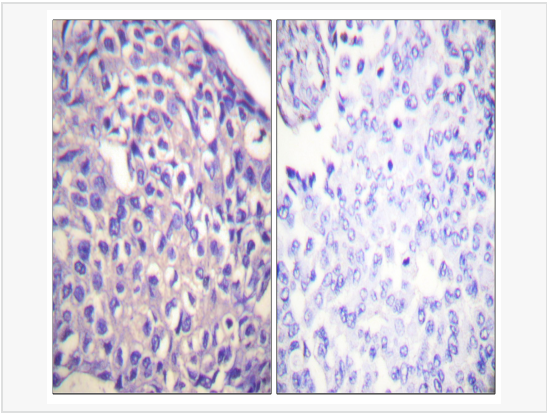
Synonyms	PPP1R12A, MBS, MYPT1, Protein phosphatase 1 regulatory subunit 12A, Myosin phosphatase-targeting subunit 1, Myosin phosphatase target subunit 1, Protein phosphatase myosin-binding subunit.
Calculated MW	Calculated MW: 115 kDa; Observed MW: 140 kDa
Uniprot ID	O14974
Gene ID	4659
Background	Key regulator of protein phosphatase 1C (PPP1C). Mediates binding to myosin. As part of the PPP1C complex, involved in dephosphorylation of PLK1. Capable of inhibiting HIF1AN-dependent suppression of HIF1A activity.



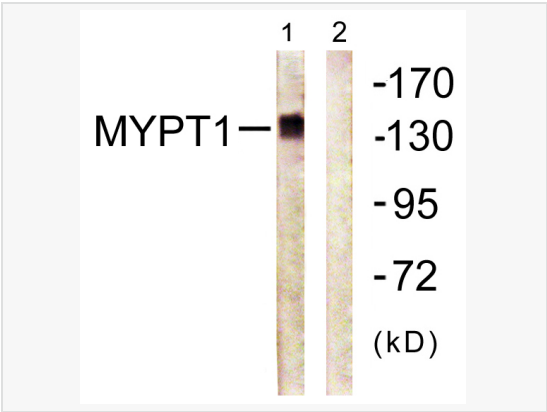
Western blot analysis of Myosin Phosphatase in various lysates using Myosin Phosphatase antibody.



Western blot analysis of Myosin Phosphatase in 293T lysates using MYPT1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma tissue using MYPT1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Western blot analysis of Myosin Phosphatase in COS7 lysates using Myosin Phosphatase antibody. The lane on the right is blocked with the synthesized peptide.