

Datasheet for ABIN1531348
anti-PPP1R12A antibody (pThr696)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	PPP1R12A
Binding Specificity:	AA 661-710, pThr696
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP1R12A antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human MYPT1 around the phosphorylation site of Thr696.
Isotype:	IgG
Specificity:	MYPT1 (Phospho-Thr696) Antibody detects endogenous levels of MYPT1 only when phosphorylated at Thr696. PhosphorylationH:T696 M:T694 R:T697
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

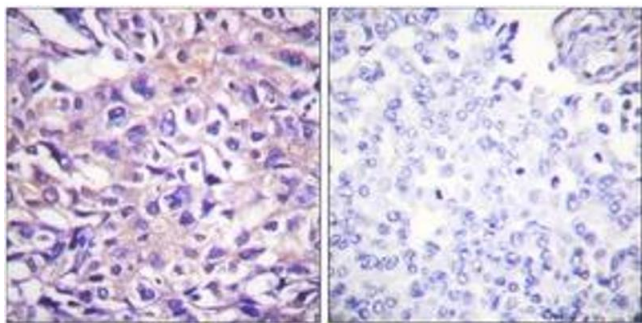
Target:	PPP1R12A
Alternative Name:	MYPT1 (PPP1R12A Products)
Background:	Synonyms: MBS, Myosin phosphatase target subunit 1, PPP1R12A NCBI Gene Symbol: PPP1R12A
Molecular Weight:	115 kDa
Gene ID:	4659
OMIM:	602021
UniProt:	O14974
Pathways:	M Phase

Application Details

Application Notes:	IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:1000
Comment:	Unigene-Number: Hs.49582 (NCBI Gene Symbol: PPP1R12A)
Restrictions:	For Research Use only

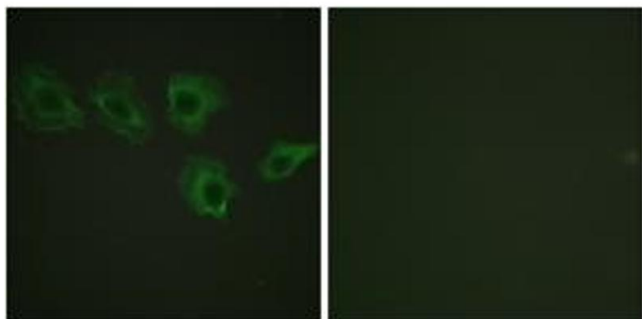
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using MYPT1 (Phospho-Thr696) Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of A549 cells, using MYPT1 (Phospho-Thr696) Antibody. The picture on the right is treated with the synthesized peptide.