

PP2A-C Alpha Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07347
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human PP2A-alpha. AA range:260-309
Mol wt	35594
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	PP2A-C-alpha Antibody
Synonyms	PPP2CA; Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform; PP2A-alpha; Replication protein C; RP-C

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

PPP2CA encodes the phosphatase 2A catalytic subunit. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. PPP2CA encodes an alpha isoform of the catalytic subunit.

Recommended Dilution

WB: 1: 500 - 1: 2000

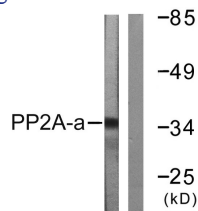
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

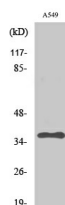
ELISA: 1: 5000

Not yet tested in other applications.

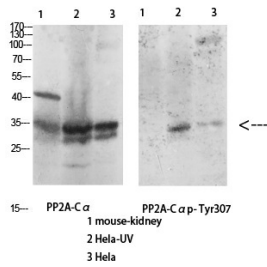
Images



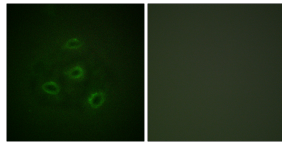
Western blot analysis of lysates from A549 cells, using PP2A-alpha Antibody. The lane on the right is blocked with the synthesized peptide.



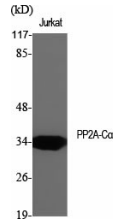
Western Blot analysis of A549 cells using PP2A-Cα Polyclonal Antibody diluted at 1:2000



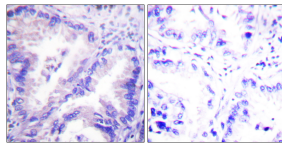
Western Blot analysis of various cells using Antibody diluted at 1:1000. Secondary antibody was diluted at 1:20000



Immunofluorescence analysis of HepG2 cells, using PP2A-alpha Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using PP2A-Cα Polyclonal Antibody diluted at 1:2000



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using PP2A-alpha Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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