

ARPP-19 Polyclonal Antibody

Catalog number: 11678-1-AP

Size: 67 µg/150 µl

Source: Rabbit

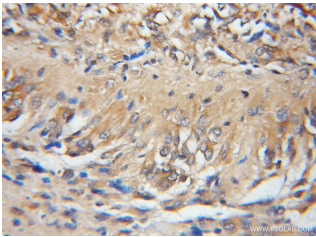
Isotype: IgG

Synonyms:

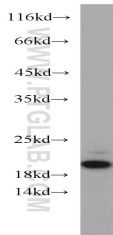
ARPP-19; ARPP 16, ARPP 19,

ARPP16, ARPP19, ARPP-19,

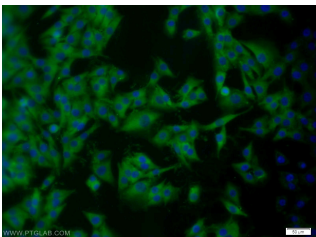
FLJ41622



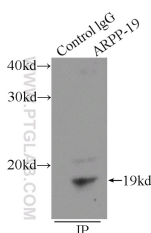
Immunohistochemical of paraffin-embedded human gliomas using 11678-1-AP (ARPP-19 antibody) at dilution of 1:50 (under 10x lens)



Jurkat cells were subjected to SDS PAGE followed by western blot with 11678-1-AP (ARPP-19 antibody) at dilution of 1:500



Immunofluorescent analysis of A375 cells using 11678-1-AP (ARPP-19 Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L)



IP Result of anti-ARPP-19
(IP:11678-1-AP, 3µg;

Background

ARPP-19, a 19-kDa cAMP-regulated phosphoprotein, plays a role in regulating mitosis. Initiation and maintenance of mitosis require the activation of protein kinase cyclin B-Cdc2 and the inhibition of protein phosphatase 2A (PP2A). When phosphorylated by protein kinase Greatwall (Gwl), ARPP-19 associate with and inhibit PP2A, thus promoting mitotic entry. ARPP-19 may be an important link between nerve growth factor (NGF) signaling and post-transcriptional control of neuronal gene expression such as GAP-43.

Applications

Tested applications:	ELISA, IHC, WB, IP, IF
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated ARPP-19 MW:	19 kDa
Observed ARPP-19 MW:	19kd
Positive WB detected in	Jurkat cells, A375 cells, A549 cells, mouse brain tissue, rat skeletal muscle tissue
Positive IP detected in	Mouse brain tissue
Positive IHC detected in	Human gliomas tissue
Positive IF detected in	A375 cells
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:2000 IHC: 1:20-1:200 IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2279
GenBank accession number:	BC003418
Gene ID (NCBI):	10776
Full name:	Cyclic AMP phosphoprotein, 19 kD

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

Detection:11678-1-AP 1:500)
with mouse brain tissue lysate
5200ug.