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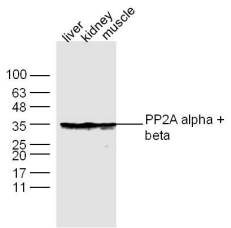
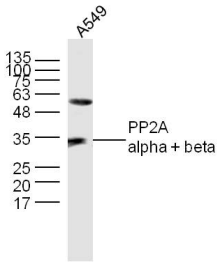
PP2A alpha + beta Rabbit pAb

Catalog Number:	bs-0029R
Target Protein:	PP2A alpha + beta
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), Flow-Cyt (1ug/Test)
Reactivity:	Human, Mouse, Rat (predicted:Rabbit, Pig, Cow, Chicken, Dog)
Predicted MW:	34 kDa
Subcellular Locations:	Nucleus
Entrez Gene:	5515
Swiss Prot:	P62714
Source:	KLH conjugated synthetic peptide derived from human PP-2A: 205-309/309.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	This gene 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. This gene encodes an alpha isoform of the catalytic subunit. [provided by RefSeq, Jul 2008].

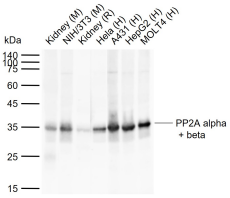
VALIDATION IMAGES



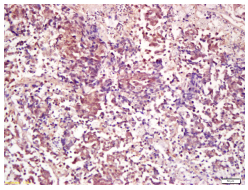
Sample: Liver (Mouse) Lysate at 30 ug Kidney (Mouse) Lysate at 30 ug Muscle (Mouse) Lysate at 30 ug Primary: Anti- PP2A alpha + beta (bs-0029R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kD Observed band size: 34 kD



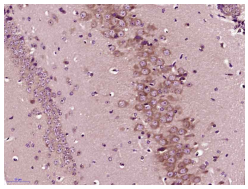
Sample: A549 Cell (Human) Lysate at 30 ug Primary: Anti-PP2A alpha + beta (Bs- 0029R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kD Observed band size: 34 kD



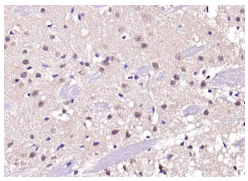
Sample: Lane 1: Mouse Kidney tissue lysates Lane 2: Mouse NIH/3T3 cell lysates Lane 3: Rat Kidney tissue lysates Lane 4: Human Hela cell lysates Lane 5: Human A431 cell lysates Lane 6: Human HepG2 cell lysates Lane 7: Human MOLT4 cell lysates Primary: Anti-PP2A alpha + beta (bs-0029R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kDa Observed band size: 34 kDa



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-PP2A alpha+beta Polyclonal Antibody, Unconjugated(bs-0029R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PP2A alpha + beta) Polyclonal Antibody, Unconjugated (bs-0029R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PP2A alpha + beta) Polyclonal Antibody, Unconjugated (bs-0029R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=3.7] Lin, Lai-xiang, et al. "Feasibility of β-Sheet Breaker Peptide-H102 Treatment for Alzheimers Disease Based on β-Amyloid Hypothesis." PLoS one 9.11 (2014): e112052. IHC ; ="Mouse" . 25372040

[IF=3.33] Zhao, Hai-hua, et al. "Involvement of GSK3 and PP2A in ginsenoside Rb1's attenuation of aluminum-induced tau hyperphosphorylation." Behavioural Brain Research (2012). WB,IHC ; ="Mouse" . 23219964

[IF=1.664] Zhang PF et al. MicroRNA-139 suppresses hepatocellular carcinoma cell proliferation and migration by directly targeting Topoisomerase I. ONCOLOGY LETTERS 17: 1903-1913, 2019 WB ; Human . 10.3892/ol.2018.9746