

Human/Mouse/Rat PP2A Catalytic Subunit Antibody

Antigen Affinity-purified Polyclonal Rabbit IgG Catalog Number: AF1653

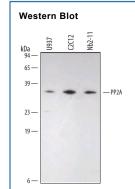
DESCRIPTION			
Species Reactivity	Human/Mouse/Rat		
Specificity	Detects endogenous human, mouse, and rat PP2A in Western blots. Because PP2A-α and PP2A-β catalytic subunits are identical in the region used for the antigen, it is expected that both isoforms will be detected by the antibody.		
Source	Polyclonal Rabbit IgG		
Purification	Antigen Affinity-purified		
Immunogen	E. coli-derived recombinant human PP2A-α catalytic subunit Trp209-Leu309 Accession # P67775		
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details.		

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	0.1 μg/mL	See Below

DATA



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Detection of Human/Mouse/Rat PP2A Catalytic Subunit, by Western Blot. Western blot shows lysates of U937 human histiocytic lymphoma cell line, C2C12 mouse myoblast cell line, and Nb2-11 rat lymphoma cell line. PVDF membrane was probed with 0.1 µg/mL of Human/Mouse/Rat PP2A Catalytic Subunit, Antigen Affinity-purified Polyclonal Antibody (Catalog # AF1653) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (Catalog # HAF008). A specific band was detected for PP2A Catalytic Subunit, at approximately 36 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

PREPARATION AND STORAGE			
Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.		
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.		
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month from date of receipt, 2 to 8 °C, reconstituted. 6 months from date of receipt, -20 to -70 °C, reconstituted.		

