

AB-NP049-1

Calcineurin A Antibody

Pan-specific polyclonal antibody for monitoring the expression of human protein-serine/threonine phosphatase Calcineurin A



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

Name Long:	Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform (Calcineurin A)
Alias:	Alpha isoform formerly PPP2B, Calcineurin A alpha, Calcineurin A1, CalcineurinA, Calmodulin dependent calcineurin A subunit alpha isoform, Calmodulin-dependent calcineurin A subunit alpha isoform, CALN, CALNA, CALNA 1, CAM PRP catalytic subunit, CCN 1, Protein phosphatase 2B catalytic subunit, Protein phosphatase 3 (formerly 2B) catalytic subunit alpha isoform, Protein phosphatase 3 catalytic subunit alpha isoform PPP3CA
UniProt ID:	Q08209 - Human
Human Predicted Mass (KDa):	58.688 (521 AA; Q08209-1); 57.659 (511 AA; Q08209-2); 52.672 (469 AA; Q08209-3); 51.245 (454 AA; Q08209-5); 31.736 (289 AA; Q08209-4)
Observed SDS-PAGE Mass (KDa):	61

Immunogen

Antibody Immunogen Source:	Human Calcineurin A peptide (AA 264-283)
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Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	62 Mix
Antibody Purification:	Peptide affinity purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4; 50% glycerol, 0.09% azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IHC ICC/IF IP
Antibody Dilution Recommended:	WB (1:1000), ICC/IF (1:120), IHC (1:100); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat Dog Rabbit
Antibody Positive Control:	1 µg/ml of SPC-175 was sufficient for detection of Calcineurin A in 20 µg of Heat shock Hela lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~61 kDa protein.
Antibody Specificity:	High

This product is for in vitro research use only and is not intended for use in humans or animals.

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