

# Product Datasheet

## Calcineurin A Antibody - BSA Free NB110-40553

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NB110-40553**

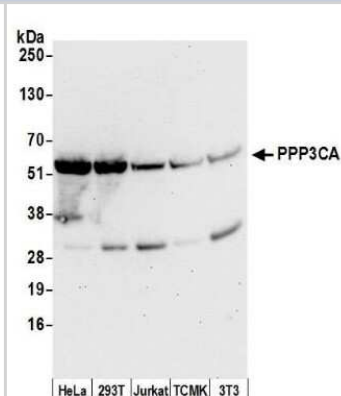
Calcineurin A Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)
Product Description	
Host	Rabbit
Gene ID	5530
Gene Symbol	PPP3CA
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 470 and the C-terminus (residue 521) of human Protein Phosphatase 3, Catalytic Subunit, Alpha isoform using the numbering given in entry NP_000935.1 (GeneID 5530).
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:1000 - 1:5000, Immunoprecipitation 2-10 ug/mg lysate, Immunohistochemistry-Paraffin 1:1000 - 1:5000
Application Notes	Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.

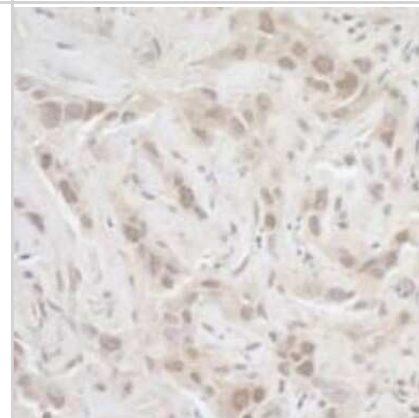


## Images

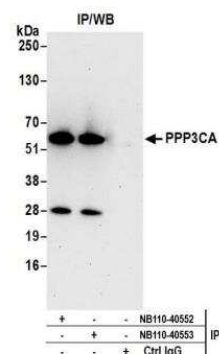
**Western Blot: Calcineurin A Antibody [NB110-40553] - Detection of human and mouse PPP3CA by western blot.** Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PPP3CA antibody NB110-40553 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



**Immunohistochemistry-Paraffin: Calcineurin A Antibody [NB110-40553] - FFPE section of human breast carcinoma.** Antibody: Affinity purified rabbit anti-PPP3CA used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



**Immunoprecipitation: Calcineurin A Antibody [NB110-40553] - Detection of human Calcineurin A (PPP3CA) by western blot of immunoprecipitates.** Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PPP3CA antibody NB110-40553 used for IP at 3 ug per reaction. Calcineurin A was also immunoprecipitated by rabbit anti-PPP3CA antibody NB110-40552. For blotting immunoprecipitated Calcineurin A, NB110-40553 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.





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### **Products Related to NB110-40553**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-50945-0.01mg	Recombinant Human Calcineurin A His Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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