

NCKAP1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 693 and 936 of NCKAP1 (Uniprot ID#Q9Y2A7)
Form	Liquid
Concentration	0.5 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.1M tris glycine, pH 7, with 10% glycerol
Contains	0.01% thimerosal
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_11157224

Applications	Tested Dilution	Publications
Immunohistochemistry (Frozen) (IHC (F))	1:100-1:1000	-
Western Blot (WB)	1:500-1:10,000	-

Product Specific Information

Recommended positive controls: NCKAP1-transfected 293T, Mouse brain, rat brain.

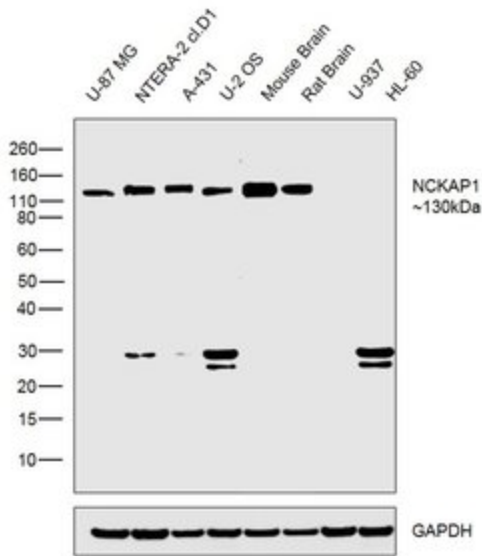
Predicted reactivity: Mouse (100%), Rat (100%), Zebrafish (97%), Xenopus laevis (96%), Rhesus Monkey (100%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

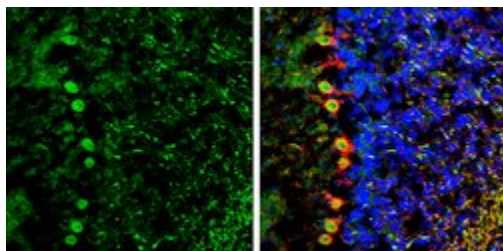
Advanced Verification Data

NCKAP1 Antibody (PA5-21680)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cells owing to their inherent genetic constitution. Relative expression of NCKAP1 was observed in U-87 MG, NTERA-2 cl.D1, A-431, U-2 OS, Mouse Brain and Rat Brain in comparison to U-937 and HL-60 using product (Product # PA5-21680) in western blot. An uncharacterized band was also observed at ~30kDa in certain cell lines. Relative expression validation info.



Product Images For NCKAP1 Polyclonal Antibody

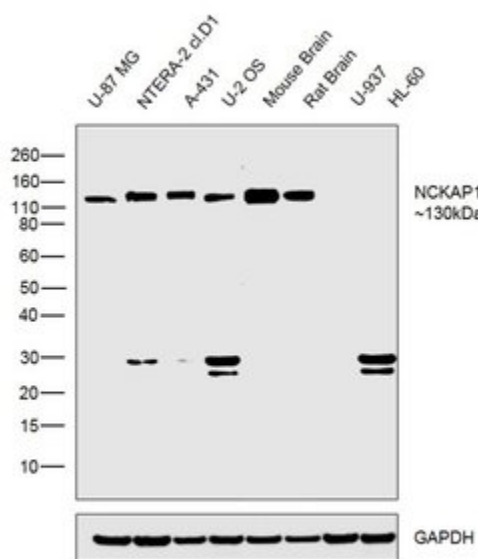


NCKAP1 Antibody (PA5-21680) in IHC (F)

Immunohistochemistry (Frozen) analysis of NCKAP1 was performed in frozen-sectioned mouse cerebellum tissue using NCKAP1 Polyclonal Antibody (Product # PA5-21680) at a dilution of 1:250 (Green). Red: NF-H, stained by NF-H antibody diluted at 1:500. Blue: Fluoroshield with DAPI.

NCKAP1 Antibody (PA5-21680) in WB

Western blot was performed using Anti-NCKAP1 Rabbit Polyclonal Antibody (Product # PA5-21680) and a 130kDa band corresponding to NCKAP1 was observed across cell lines and tissues tested except U-937 and HL-60 which are reported negative for NCKP1 expression. An uncharacterized band was also observed at ~30kDa in certain cell lines. Membrane enriched extracts (30 µg lysate) of U-87 MG (Lane 1), NTERA-2 cl.D1 (Lane 2), A-431 (Lane 3), U-2 OS (Lane 4), Mouse Brain (Lane 5), Rat Brain (Lane 6), U-937 (Lane 7) and HL-60 (Lane 8) were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:2000 dilution) and detected by chemiluminescence Goat Anti-Rabbit IgG Secondary Antibody, HRP conjugate (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



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