

Anti-NCKX4 Antibody

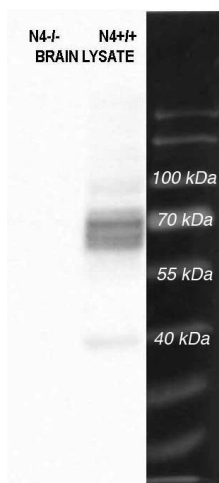


Product Details

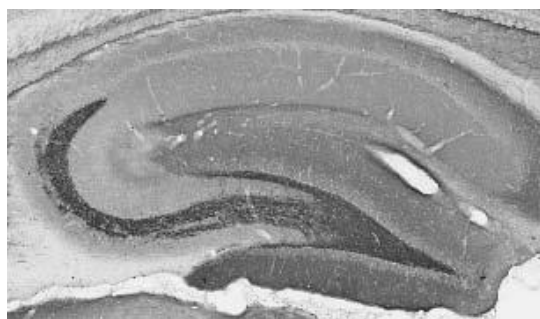
Available Variants	100 µL (SKU:75-404)
Conjugate	Unconjugated
Isotype	IgG2b
Clone	N414/25
Gene Name	SLC24A4 NCKX4
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:500 IHC: 1:500
Species Reactivity	Human, Mouse, Rat, Zebrafish
Immunogen	Fusion protein amino acids 246-424 (third intracellular loop) of human NCKX4 isoform 3 (accession number Q8NFF2-3) produced recombinantly in E. Coli
Specificity	Does not cross-react with NCKX2 or NCKX3
Molecular Weight	60 kDa
Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.

Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_2491110
UniProt ID	<u>Q8NFF2-3</u>
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

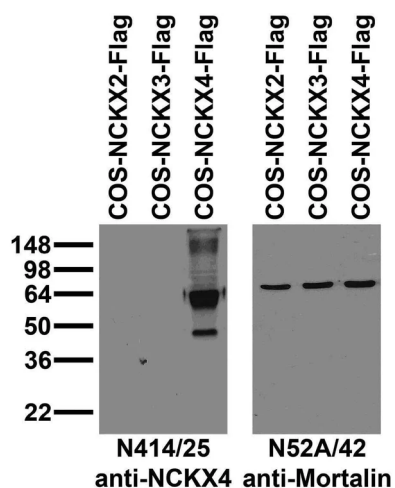
Product Images



Immunoblot against membranes from wild- type (N4^{+/+}) or NKCX4 knockout (N4^{-/-}) mouse brains probed with N414/25 TC supe. Data courtesy of Sunita Sharma and Jonathan Lytton (University of Calgary).



Adult rat hippocampus immunohistochemistry.



Immunoblot against extracts of COS cells transiently transfected with Flag- tagged NCKX2, NCKX3 or NCKX4 plasmid and probed with N414/25 (left) or N52A/42 (right) TC supe.

Product Page URL: www.antibodiesinc.com/products/anti-nckx4-antibody-n414-25-75-404



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