

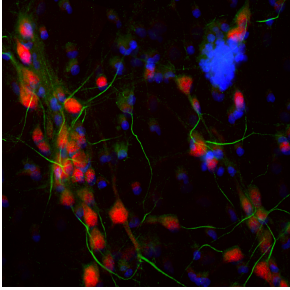
Anti-Ankyrin 3 Antibody (A104313)

Specifications:

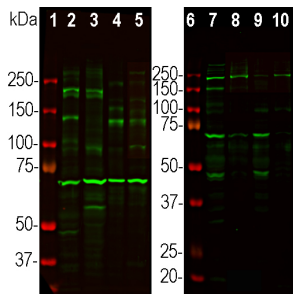
Name:	Anti-Ankyrin 3 Antibody
Description:	Chicken polyclonal antibody to Ankyrin 3.
Applications:	WB, ICC/IF, IHC
Recommended Dilutions:	WB: 1:5,000-1:10,000, ICC/IF: 1:500-1:1,000, IHC: 1:500-1:1,000
Reactivity:	Human, Rat, Mouse, Bovine, Monkey
Immunogen:	Recombinant construct corresponding to the C-terminal 398 amino acids of human Ankyrin 3 isotype 1 (NP_066267.2), expressed in and purified from E. coli. This segment is expressed by all three Ankyrin 3 isotypes and contains the DEATH domain sequence.
Host:	Chicken
Clonality:	Polyclonal
Isotype:	IgY
Conjugate:	Unconjugated
Purification:	Immunogen affinity purification.
Concentration:	1 mg/ml
Molecular Weight:	190 kDa, 270 kDa, 480 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline with 50% Glycerol and 5mM Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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Images:



Immunofluorescent analysis of cortical neuron-glia cell culture from E20 rat stained with Anti-Ankyrin 3 Antibody (1:2,000 | green), and co-stained with Anti-NeuN Antibody (1:2,000 | red). The blue is Hoechst staining of nuclear DNA. The Anti-Ankyrin 3 Antibody stains the axonal initial segments, while the Anti-NeuN Antibody reveals perikarya and nuclei of neurons.



Western blot analysis of different tissue and cell lysates using Anti-Ankyrin 3 Antibody (1:3,000 | green). [1, 6] Protein standard, [2] Rat brain, [3] Cow cortex, [4] HEK293 cells, [5] COS-1 cells, [7] Rat cortex, [8] rat cortex membrane enriched fraction, [9] mouse cortex, [10] mouse cortex membrane enriched fraction. Bands at 60-190kDa represent Ankyrin 3 splice variants and proteolytic fragments. Larger Ankyrin 3 isoforms of 270kDa and 480kDa can be seen on longer exposure of the blots.