



Catalog Number:	RA22120	Host:	Rabbit
Product Type:	Polyclonal Affinity Purified Antibody	Species Reactivity:	Human, rat, mouse
Immunogen Sequence:	Full length human recombinant protein. HGNC name: CNP UniProtKB - P09543 (CN37_HUMAN)	Format:	Liquid, 100 ul aliquot Concentration: 0.25 mg/ml
Applications:	Immunofluorescence/Immunohistochemistry: 1:1000-5,000 Western Blot: 1:1,000-2,000		

Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

Storage: Antibody can also be aliquotted and stored frozen at -20° C to -70° C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Application Notes

Description/Data:

Image: Mixed neuron-glia cell cultures stained with RA22120 (green) and our monoclonal antibody against GFAP (red, MO22136). The CNP antibody stains strongly in oligodendrocytes, whereas GFAP labels the intermediate filament in astrocytes. Blue is DNA staining showing the nuclei of these and numerous other cells, most of which are neurons and which do not express either CNP or GFAP.

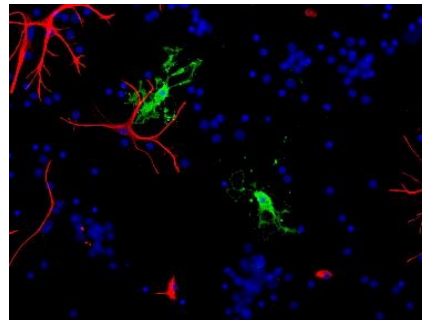
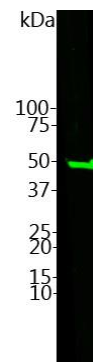


Image: Blot of rat brain tissue homogenates blotted with RPCA-CNP at 1:5,000 using LiCor infrared imager RA22120 binds strongly and specifically to a band at ~48 kDa. Numbers at left show positions of protein standards of indicated molecular weight in kDa.



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