

Anti-Prion Protein Antibody

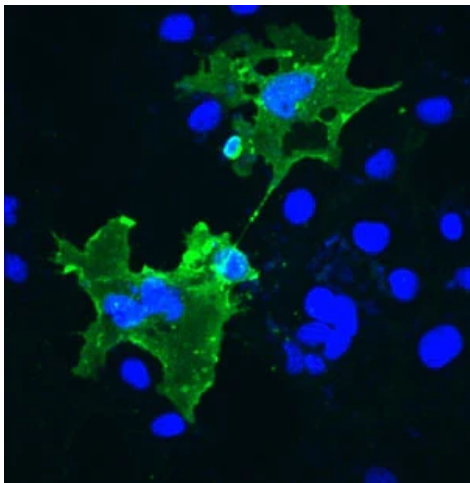


Product Details

Available Variants	200 µL (SKU:PRN)
Isotype	IgY
Gene Name	PRNP ALTPRP PRIP PRP
Host Species	Chicken
Concentration	10 mg/mL
Format	Mixture of IgY fraction and affinity-purified antibodies
Physical State	Liquid
Buffer	Sodium phosphate (10 mM, pH 7.2) buffered isotonic saline (0.9%, w/v), glycerol (50%, v/v), with sodium azide (0.02%,w/v) as an anti-microbial agent.
Production Notes	Chickens were immunized with a recombinant fragment of the human prion protein emulsified with Freund's complete and incomplete adjuvants.After multiple injections, eggs were collected from the hens, and IgY fractions were prepared from the yolks.Affinity-purified antibodies were then prepared using an agarose column to which the recombinant protein fragments were covalently attached. Finally, affinity purified antibodies (50 µg/mL final concentration) were mixed with the IgY fraction (10 mg/mL final concentration) in a mixture containing glycerol (50% v/v) (to prevent freezing at -20°C) and 0.02% sodium azide.
Applications	ICC, IHC, WB
Dilution Ranges	WB: 1:2500-1:5000 IHC: 1:1000-1:2000 ICC: 1:1000-1:2000
Species Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fragment of human prion
Molecular Weight	27 kDa

Quality Control	Antibodies were analyzed by immunocytochemistry (1:1000 dilution) using cells transfected with the prion protein cDNA.
Storage	Store at -20°C in the dark. Under these conditions, the antibodies should have a shelf life of at least twelve months, provided they remain sterile.
Antibody Registry ID	AB_2313559
UniProt ID	<u>P04156</u>
Country of Origin	United States
Shipping	Ice packs
Expiration	12 months from receipt of product
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



Mouse fibroblast cultures transfected with a recombinant fragment of the mouse prion protein (green staining). Non-infected cells show labeled nuclei (blue staining) due to treatment with Hoechst stain.

Product Page URL: www.antibodiesinc.com/products/anti-prion-protein-antibody-prn



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