

Anti-Prion Protein (Ser-43), Phosphospecific Antibody

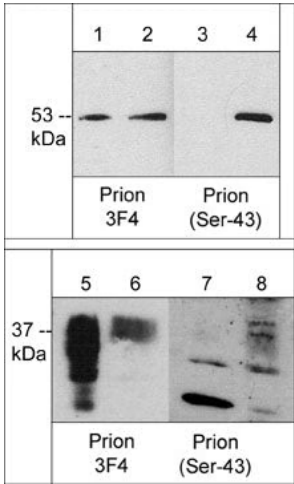


Product Details

Available Variants	100 µL (SKU:PP3951)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	PRNP
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Human, Mouse, Rat
Immunogen	Prion Protein (Ser-43) antibody was generated from a phospho-peptide that included amino acids surrounding Serine 43 in human prion protein. This sequence has high homology to the conserved site in rat, mouse, and bovine prion protein.
Specificity	The antibody detects a human recombinant Prion protein after phosphorylation by Cdk5/p25 complex. In addition, the antibody may detect aggregated forms of prion in human PC3 cells treated with Calyculin A.
Molecular Weight	27
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.

UniProt ID	<u>P04156</u>
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Ser-43

Product Images



Western blot of GST recombinant human full-length prion protein that was untreated (lanes 1 and 3) or phosphorylated with Cdk5/p25 (lanes 2 & 4). Endogenous prion phosphorylation was examined in human PC3 cells untreated (lanes 5 & 7) or treated with Calyculin A (100 nM) for 30 min (lanes 6 & 8). The blots were probed with anti-Prion protein (3F4) (lanes 1, 2, 5, & 6) or anti-Prion protein (Ser-43) (lanes 3, 4, 7, & 8).

Product Page URL: www.antibodiesinc.com/products/anti-prion-protein-ser-43-phosphospecific-antibody-pp3951

