

Product Datasheet

PrPC Antibody (3F4) NBP3-23335

Unit Size: 0.1 ml

Store at -20C.

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NBP3-23335

PrPC Antibody (3F4)

Product Information

Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C.
Clonality	Monoclonal
Clone	3F4
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS, 1 mg/ml BSA and 50% glycerol
Target Molecular Weight	27 kDa

Product Description

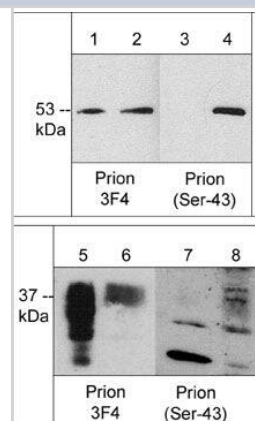
Description	Stable for at least 1 year at -20°C.
Host	Mouse
Gene ID	5621
Gene Symbol	PRNP
Species	Human
Specificity/Sensitivity	The antibody detects endogenous PrPC in human PC3 and A431 cell lines. In addition, the antibody strongly detects human recombinant Prion protein, and weakly detects bovine recombinant Prion protein.
Immunogen	Clone 3F4 was generated from a synthetic peptide taken from amino acids in the central region of human prion protein. This sequence is conserved in feline and hamster, but is less conserved in rat and mouse PrPC. [UniProt# P04156]

Product Application Details

Applications	Western Blot, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:100

Images

Western Blot: PrPC Antibody (3F4) [NBP3-23335] - 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).





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Products Related to NBP3-23335

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-23360	Recombinant Human PrPC His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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