

Product Datasheet

PrPSc Antibody (V21-V) NBP1-71678-0.05ml

Unit Size: 0.05 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-71678-0.05ml

PrPSc Antibody (V21-V)

Product Information	
Unit Size	0.05 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	V21-V
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	20mM Tris/HCl (pH 8.0) and 10 mg/ml BSA

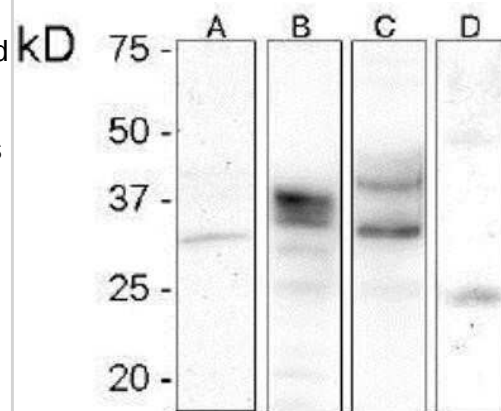
Product Description	
Description	This antibody is immunoaffinity purified with immunogenic peptide as a ligand.
Host	Rabbit
Gene ID	5621
Gene Symbol	PRNP
Species	Human, Mouse, Rat, Bovine
Specificity/Sensitivity	Antibody recognizes mostly PrPSC, untreated with proteinase-K however, PrPC is slightly recognized as well.
Immunogen	Peptide derived from the middle of the second alpha-helical domain of human PrPc protein. Antibody recognizes the epitope located between Val161 - His177.
Notes	This antibody is immunoaffinity purified with immunogenic peptide as a ligand.

Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, ELISA 1:20000-1:50000, Immunoprecipitation 1:10-1:500

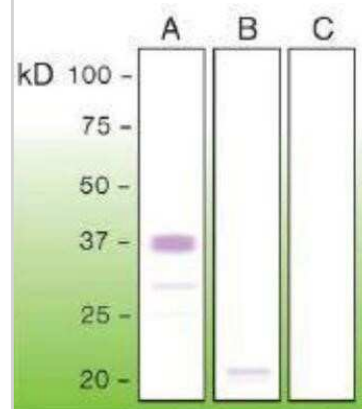


Images

Western Blot: PrPSc Antibody (V21-V) [NBP1-71678] - Western blot analysis of prion protein was performed by Drs. Valeriy Ostapchenko and Marco Prado, Robarts Research Institute, the University of Western Ontario, London, Ontario, Canada. Lanes A-C represent extracts (30 ug of total protein per lane) of PrP-KO CF-10 cells (A), mouse hippocampus (B) and HEK293 cells, transfected with mouse prion protein bearing 3F4 epitope (C); lane D corresponds to 30 ng recombinant MoPrP.



Western Blot: PrPSc Antibody (V21-V) [NBP1-71678] - Western blot analysis of prion protein in mouse brain extract (A), HEK293 cells producing recombinant human prion protein (B), and untransfected HEK 293 cells (C). 200 ug of total protein loaded per well.





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Products Related to NBP1-71678-0.05ml

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
210-TA-005	TNF-alpha [Unconjugated]

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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