

Rabbit anti-Mouse, Rat Prion protein PrP Polyclonal Antibody | anti-PRNP antibody

Anti-Prion protein PrP antibody

CATALOG # AAA45035	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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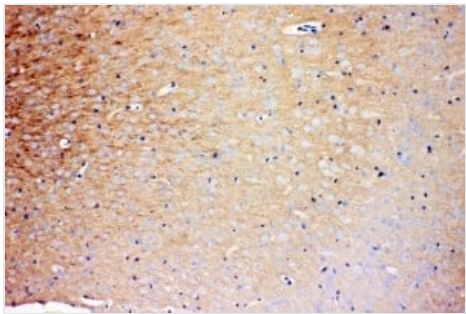
PRODUCT SYNONYMS

Prion protein PrP; Polyclonal Antibody; Anti-Prion protein PrP antibody; Major prion protein(PrP); prion protein; Alternative prion protein; major prion protein antibody; AltPrP antibody; ASCR antibody; atal familial insomnia antibody; CD230 antibody; CD230 antigen antibody; CJD antibody; Creutzfeld Jakob disease antibody; Creutzfeld Jakob Disease Gerstmann Strausler Scheinker Syndrome Fatal Familial Insomnia antibody; Gerstmann-Strausler-Scheinker syndrome antibody; GSS antibody; KURU antibody; Major prion protein antibody; MGC26679 antibody; p27 30 antibody; PRIO_HUMAN antibody; Prion protein antibody; Prion related protein antibody; PRIP antibody; Prni antibody; Prnp antibody; PrP 27-30 antibody; PrP antibody; PrP27 30 antibody; PrP27-30 antibody; PrP33 35C antibody; PrP33-35C antibody; PrPC antibody; PrPSc antibody; Sinc antibody; anti-PRNP antibody

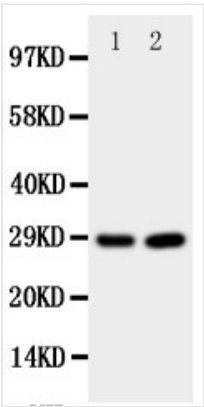
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	254
Applicable Applications for anti-PRNP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of mouse Prion protein PrP (143-159aa DWEDRYRENMYRYPNQ), identical to the related rat sequence.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-PRNP antibody, AAA45035, IHC(P)IHC(P): Rat Brain Tissue



WB (Western Blot)
Anti-PRNP antibody, AAA45035, Western blottingAll lanes: Anti PRNP (AAA45035) at 0.5ug/mlLane 1: Rat Brain Tissue Lysate at 50ugLane 2: Rat Brain Tissue Lysate at 50ugPredicted bind size: 28KDObserved bind size: 28KD

ADDITIONAL INFORMATION

Related Product Information for anti-PRNP antibody	Description: Rabbit IgG polyclonal antibody for Major prion protein(PRNP) detection. Tested with WB, IHC-P in Mouse, Rat. Background: PRNP(prion protein), also known as CD230 and PrP, is a protein that in humans is encoded by the PRNP gene. The major prion protein is expressed in the brain and several other tissues. Expression is most predominant in the nervous system but occurs in many other tissues throughout the body. Puckett et al.(1991)identified a RFLP with a high degree of heterozygosity in the 5-prime region of the PRNP gene, which might serve as a useful marker for the pter-p12 region of chromosome 20. PRNP is associated with a variety of cognitive deficiencies and neurodegenerative diseases such as Creutzfeldt-Jakob disease, bovine spongiform encephalopathy, and kuru. PRNP is highly conserved through mammals, lending credence to application of conclusions from test animals such as mice. Comparison between primates is especially similar, ranging from 92.9-99.6% similarity in amino acid sequences.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	130914
NCBI GeneID	19122
UniProt Accession #	P04925
Molecular Weight	27,977 Da
NCBI Official Full Name	Major prion protein
NCBI Official Synonym Full Names	prion protein
NCBI Official Symbol	Prnp
NCBI Official Synonym Symbols	PrP; PrPC; Sinc; CD230; PrPSc; Prn-i; Prn-p; PrP<C>; AA960666; A1325101; prP27-30; prP33-35C
NCBI Protein Information	major prion protein
UniProt Protein Name	Major prion protein
UniProt Gene Name	Prnp
UniProt Synonym Gene Names	Prn-p; Prp; PrP
UniProt Entry Name	PRIO_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

