

Rabbit PRNP Polyclonal Antibody | anti-PRNP antibody

PRNP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326783	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PRNP; Polyclonal Antibody; PRNP Antibody; Alternative prion protein; major prion protein; AltPrP; ASCR; CD230; CD230 antigen; CJD; GSS; KURU; Major prion protein; p27 30; PRIO_HUMAN; Prion protein; Prion related protein; PRIP; PrP; PrP27 30; PrP27-30; PrP33-35C; PrPC; PrPSc; Sinc; anti-PRNP antibody

PRODUCT SPECIFICATIONS

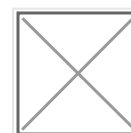
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	253
Applicable Applications for anti-PRNP antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PRNP, corresponding to a region within the internal amino acids
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of Mouse kidney lysate, using PRNP Antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA326783 at 1/100 staining Mouse spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-PRNP antibody

Description: The protein encoded by this gene is a membrane glycosylphosphatidylinositol-anchored glycoprotein that tends to aggregate into rod-like structures. The encoded protein contains a highly unstable region of five tandem octapeptide repeats. This gene is found on chromosome 20, approximately 20 kbp upstream of a gene which encodes a biochemically and structurally similar protein to the one encoded by this gene. Mutations in the repeat region as well as elsewhere in this gene have been associated with Creutzfeldt-Jakob disease, fatal familial insomnia, Gerstmann-Straussler disease, Huntington disease-like 1, and kuru. An overlapping open reading frame has been found for this gene that encodes a smaller, structurally unrelated protein, AltPrp.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506113
NCBI GeneID	5621
NCBI Accession #	NP_000302.1
NCBI GenBank Nucleotide #	NM_000311.4
UniProt Accession #	P04156; O60489; P78446; Q15216; Q15221; Q27H91; Q5QPB4; Q8TBG0; Q96E70; Q9UP19; F7VJQ1
Molecular Weight	Predicted MW: 27 kDa Observed MW: 40 kDa
NCBI Official Full Name	major prion protein preproprotein Prp
NCBI Official Synonym Full Names	prion protein
NCBI Official Symbol	PRNP
NCBI Official Synonym Symbols	CJD; GSS; PrP; ASCR; KURU; PRIP; PrPc; CD230; AltPrP; p27-30; PrP27-30; PrP33-35C
NCBI Protein Information	major prion protein; alternative prion protein
UniProt Protein Name	Major prion protein
UniProt Gene Name	PRNP
UniProt Synonym Gene Names	ALTPRP; PRIP; PRP; PrP

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/prnp-antibody-immunohistochemistry-western-blot-elisa/326783>