

Rabbit Prion Protein (PRNP) Polyclonal Antibody | anti-PRNP antibody

Polyclonal Antibody to Prion Protein (PRNP)

CATALOG # AAA135282	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry
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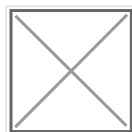
PRODUCT SYNONYMS

Prion Protein (PRNP); Polyclonal Antibody; Polyclonal Antibody to Prion Protein (PRNP); anti-PRNP antibody

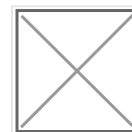
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PRNP. It has been selected for its ability to recognize PRNP in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-KKRPKPGG WNTGGSRYPG QGSPGGRNRYPPQGGGGWGQP HGGGWGQPHG GGWGQPHGGG WGQPHGGGWG QGGGTHSQWN KPSKPKTNMKHMAGAAAAGA VVGGLGGYML GSAMSRPIIH FGSDYEDRYR RENMHRYPNQ VYYRPMDEYS NQNNFVHDCVNITIKQHTVT TTTKGENFTE
Sequence Length	253
Applicable Applications for anti-PRNP antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant PRNP (Lys23~Ser230) expressed in E.coli.
Cross Reactivity	Rat, Mouse
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Prostate Tissue



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded Brain tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant protein.

**WB (Western Blot)**Western Blot: Sample: Mouse Cerebrum lysate; Primary Ab: 2ug/ml Rabbit Anti-Human PRNP
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody**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	8,691 Da
NCBI Official Full Name	major prion protein Prp preproprotein
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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