

Rabbit Prnp Polyclonal Antibody | anti-PRNP antibody

Prnp Antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201165	Rabbit	Tested Species Reactivity: Human, Mouse Predicted Species Reactivity: Human, Rat, Cow, Dog, Goat, Sheep	Immunohistochemistry, Western Blot

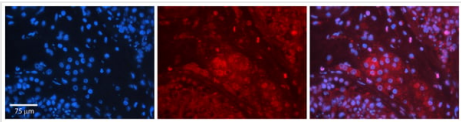
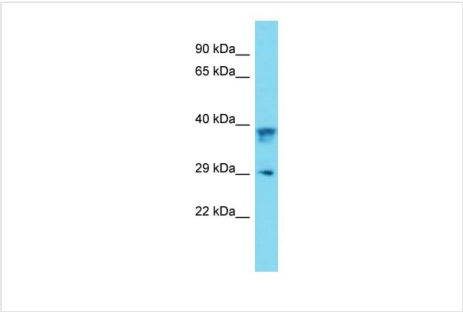
PRODUCT SYNONYMS

Prnp; Polyclonal Antibody; Prnp Antibody - middle region; anti-PRNP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human, Mouse Predicted Species Reactivity: Human, Rat, Cow, Dog, Goat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide located within the following region: GG GTHNQWNKPS KPKTNLKHVA GAAAAGAVVG GLGGYMLGSA MSRPMIHF
Sequence Length	254
Applicable Applications for anti-PRNP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Human: 100%; Rat: 100%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of Mouse Prnp
Protein Size (# AA)	254 amino acids
Protein Interactions	Dpp6; Eri3; Syn1; Grb2; Opcml; Lsamp; Ntm; Atp1a3; Igsf8; Cadm3; Clstn1; Pde10a; Adam23; Ywhaz; Ywhae; Stxbp1; Plp1; P4hb; Ncam2; Ncam1; Mog; Mbp; Mag; L1cam; Hspa5; Gnb1; Sparcl1; Dnm1; Dpysl2; Cntn1; Clu; Atp2b2; Atp1b1; Atp1a1; App; Apoe; Aplp2; Apbb1;
Blocking Peptide	For anti-Prnp antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Rabbit Anti-PRNP Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Testis
Tissue
Observed Staining: Plasma membrane and cytoplasm in Leydig cells
Primary Antibody Concentration: 1:100
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

WB (Western Blot)
Host: Rabbit
Target Name: Prnp
Sample Type: Mouse Kidney lysates
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PRNP antibody	Target Description: Prnp may play a role in neuronal development and synaptic plasticity, may be required for neuronal myelin sheath maintenance and may play a role in iron uptake and iron homeostasis. Prnp is a soluble oligomers are toxic to cultured neuroblastoma cells and induce apoptosis (in vitro). Association with GPC1 (via its heparan sulfate chains) targets PRNP to lipid rafts. It also provides Cu2+ or ZN2+ for the ascorbate-mediated GPC1 deaminase degradation of its heparan sulfate side chains.
Product Categories/Family for anti-PRNP antibody	Polyclonal; Developmental Biology; Apoptosis

NCBI AND UNIPROT INFORMATION

NCBI GI #	13173473
NCBI GeneID	19122
NCBI Accession #	NP_035300
NCBI GenBank Nucleotide #	NM_011170
UniProt Accession #	P04925
Molecular Weight	28kDa
NCBI Official Full Name	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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/prnp-antibody-immunohistochemistry-western-blot-elisa/201165>