

Product datasheet for **TA343277**

Prion protein PrP (PRNP) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-Prnp antibody is: synthetic peptide directed towards the middle region of Mouse Prnp. Synthetic peptide located within the following region: GGGTHNQWNKPSKPKTNLKHVAGAAAAGAVVGGGLGGYMLGSAMSRPMIHF
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	28 kDa
Gene Name:	prion protein
Database Link:	NP_000302 Entrez Gene 19122 Mouse Entrez Gene 5621 Human F7VJQ1
Background:	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 Cu ²⁺ or ZN ²⁺ for the ascorbate-mediated GPC1 deaminase degradation of its heparan sulfate side chains.
Synonyms:	AltPrP; ASCR; CD230; CJD; GSS; KURU; p27-30; PRIP; PrP; PrP27-30; PrP33-35C; PrPc



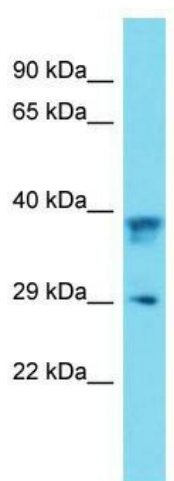
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Note: Immunogen Sequence Homology: Dog: 100%; Rat: 100%; Goat: 100%; Human: 100%; Sheep: 100%; Bovine: 100%

Protein Families: ES Cell Differentiation/IPS, Stem cell - Pluripotency, Transmembrane

Protein Pathways: Prion diseases

Product images:



Host: Rabbit; Target Name: Prnp; Sample Tissue: Mouse Kidney lysates; Antibody Dilution: 1.0 ug/ml