
Product Name: Prion Protein Rabbit Monoclonal Antibody**Catalog #: AMRe02472**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.54mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 28 kDa; Observed MW: 28 kDa

Antigen Information

Gene Name	PRNP
Alternative Names	CJD; GSS; PrP; PRNP; ASCR; KURU; PRIP; PrPc; CD230; AltPrP; Prion protein; PrP27-30; PrP33-35C
Gene ID	5621
SwissProt ID	P04156
Immunogen	A synthetic peptide of human PRNP

Background

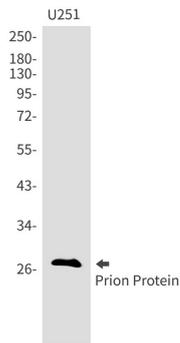
The PRNP gene encodes the major prion protein (PrP, CD230), a widely-expressed glycoprotein expressed at high levels in the

central nervous system. While the typical cellular function of PrP is not well defined, it is a putative antioxidant and a metal-binding protein that may be involved in signal transduction.

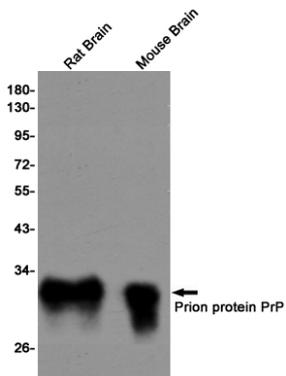
Research Area

Neuroscience

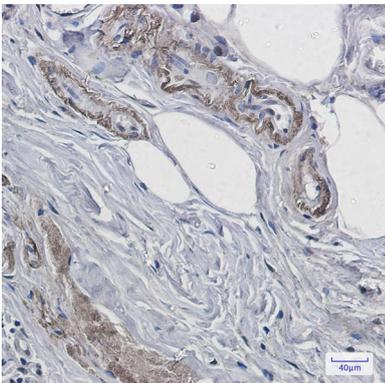
Image Data



Western blot analysis of Prion Protein in U251 lysates using Prion Protein antibody.



Western blot analysis of Prion protein in rat Brain and mouse Brain lysates using Prion Protein antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Prion Protein antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.