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

Summary

Production Name	Prion Protein Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purification

Immunogen

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.

Application

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

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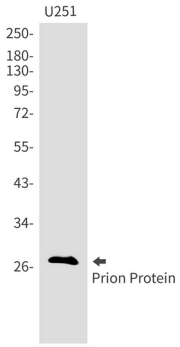
Background

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.

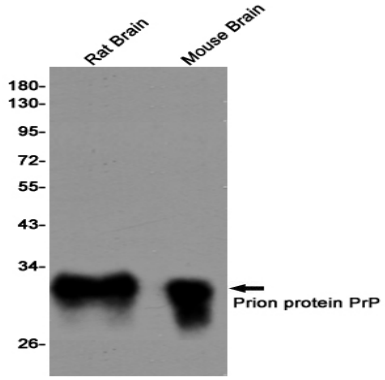
Research Area

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.

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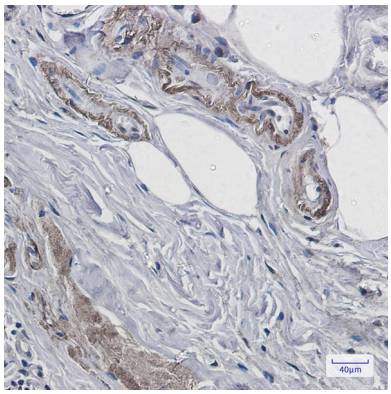

Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Prion Protein antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.