

## PRION PROTEIN RABBIT MAB

**Cat.#:** N262757

**Product Name:** Anti-Prion Protein Rabbit Monoclonal Antibody

**Synonyms:** CJD; GSS; PrP; PRNP; ASCR; KURU; PRIP; PrPc; CD230; AltPrP; Prion protein; PrP27-30; PrP33-35C

**UNIPROT ID:** P04156

**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.

**Immunogen:** A synthetic peptide of human Prion protein PrP

**Applications:** WB,IHC-P

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R03-2E2

**MW:** Calculated MW: 28 kDa; Observed MW: 28 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse,Rat

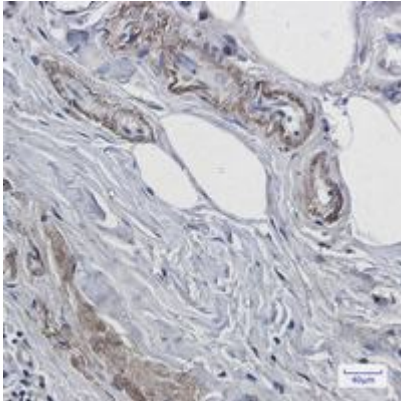
**Conjugation:** Unconjugated

**Modification:** Unmodified

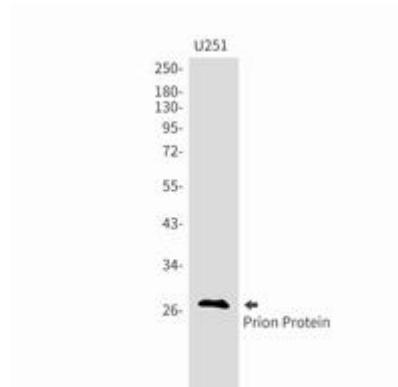
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Neuroscience Prion disease

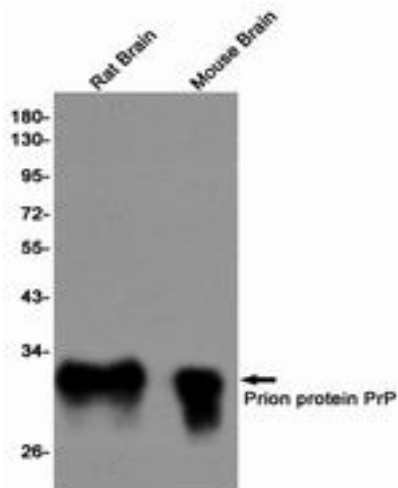
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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.



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.