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Datasheet for ABIN7269517
anti-PRNP antibody

1 Image

Overview

Quantity:	100 µL
Target:	PRNP
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This PRNP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Prion Protein Rabbit mAb
Immunogen:	A synthesized peptide derived from human Prion Protein
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	PRNP
Alternative Name:	PRNP (PRNP Products)
Background:	The protein encoded by this gene is a membrane glycosylphosphatidylinositol-anchored

Target Details

glycoprotein that tends to aggregate into rod-like structures. The encoded protein contains a highly unstable region of five tandem octapeptide repeats. This gene is found on chromosome 20, approximately 20 kbp upstream of a gene which encodes a biochemically and structurally similar protein to the one encoded by this gene. Mutations in the repeat region as well as elsewhere in this gene have been associated with Creutzfeldt-Jakob disease, fatal familial insomnia, Gerstmann-Straussler disease, Huntington disease-like 1, and kuru. An overlapping open reading frame has been found for this gene that encodes a smaller, structurally unrelated protein, AltPrp. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2014],ASCR, AltPrP, CD230, CJD, GSS, KURU, PRIP, PrP, PrP27-30, PrP33-35C, PrPc, p27-30,CDs,Hematopoietic Progenitors,Immunology & Inflammation,Neurodegenerative Diseases,Neuroscience,Stem Cells,PRNP

Molecular Weight: 28kDa

Gene ID: 5621

UniProt: [P04156](#)

Pathways: [Transition Metal Ion Homeostasis](#), [Activated T Cell Proliferation](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

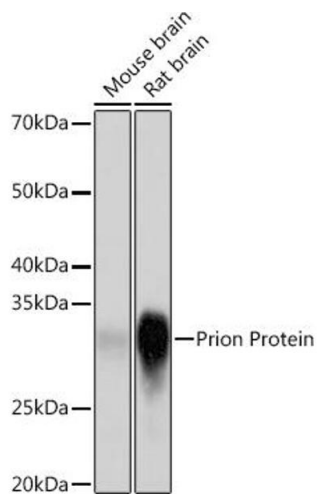
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using Prion Protein Rabbit mAb (ABIN7269517) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.