

## PRNP Antibody

Catalog No: #32732

Package Size: #32732-1 50ul #32732-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

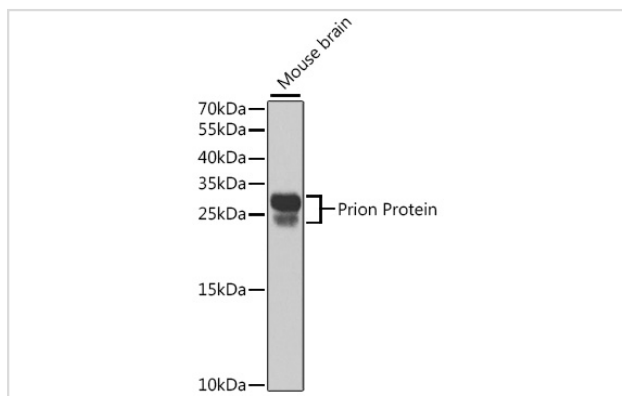
## Description

Product Name	PRNP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total PRNP protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human Prion Protein (NP_001073592.1).
Target Name	PRNP
Other Names	PRNP;ASCR;AltPrP;CD230;CJD;GSS;KURU;PRIP;PrP;PrP27-30;PrP33-35C;PrPc;p27-30
Accession No.	Uniprot:P04156GeneID:5621
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GeneID	5621
SDS-PAGE MW	20-30kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

## Application Details

WB □ 1:500 - 1:2000

## Images



Western blot analysis of extracts of mouse brain, using Prion Protein antibody.

## Background

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The protein encoded by this gene is a membrane glycosylphosphatidylinositol-anchored 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.

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Note: This product is for in vitro research use only