

Datasheet for ABIN7178936

**anti-PRNP antibody (AA 29-231) (HRP)**[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	PRNP
Binding Specificity:	AA 29-231
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRNP antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Rat Major prion protein (29-231AA)
Isotype:	IgG
Cross-Reactivity:	Rat
Purification:	>95%, Protein G purified

## Target Details

Target:	PRNP
Alternative Name:	Prnp ( <a href="#">PRNP Products</a> )
Background:	Background: Its primary physiological function is unclear. Has cytoprotective activity against internal or environmental stresses. May play a role in neuronal development and synaptic

## Target Details

plasticity. May be required for neuronal myelin sheath maintenance. May play a role in iron uptake and iron homeostasis. Soluble oligomers are toxic to cultured neuroblastoma cells and induce apoptosis (in vitro). Association with GPC1 (via its heparan sulfate chains) targets PRNP to lipid rafts. Also provides Cu(2+) or ZN(2+) for the ascorbate-mediated GPC1 deaminase degradation of its heparan sulfate side chains.

Aliases: Prnp antibody, Prn antibody, Prp antibody, Major prion protein antibody, PrP antibody, CD antigen CD230 antibody

UniProt: [P13852](#)

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

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.