

Datasheet for ABIN185661
anti-PRNP antibody (Internal Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	PRNP
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PRNP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Prion Protein (143-153)
Immunogen:	Peptide with sequence C-SDYEDRYREN, from the internal region of the protein sequence according to NP_000302.1.
Sequence:	SDYEDRYRE N
Isotype:	IgG
Specificity:	Reported variants represent identical protein (NP_000302.1, NP_898902.1, NP_001073590.1, NP_001073591.1, NP_001073592.1).
Cross-Reactivity:	Cow, Human, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: PRNP

Alternative Name: PRNP ([PRNP Products](#))

Background: PRNP , prion protein (p27-30) (Creutzfeldt-Jakob disease, Gerstmann-Strausler-Scheinker syndrome, fatal familial insomnia) , ASCR, CD230, CJD, GSS, MGC26679, PRIP, PrP, PrP27-30, PrP33-35C, PrPc , CD230 antigen, major prion protein, prion protein, prion p

Gene ID: 5621, 19122, 24686

NCBI Accession: [NP_000302](#)

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

Application Details

Application Notes: Western Blot: Approx 25 kDa band observed in Human Brain lysates (calculated MW of 27.7 kDa according to NP_000302.1 and NP_898902.1). Recommended concentration: 0.3-1 µg/mL.
Peptide ELISA: antibody detection limit dilution 1:64000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

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

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

Handling

at 4°C for a few weeks and still remain viable.

Images



Image 1. ABIN185661 (0.3µg/ml) staining of Human Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.