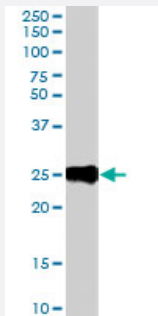


PRNP polyclonal antibody

Catalog # PAB7057 Size 100 ug

Applications



Western Blot (Tissue lysate)

PRNP polyclonal antibody (Cat # PAB7057) (0.3 ug/mL) staining of human brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of PRNP.
Immunogen	A synthetic peptide corresponding to human PRNP.
Sequence	C-SDYEDRYREN
Host	Goat
Theoretical MW (kDa)	27.7
Reactivity	Human
Specificity	All variants represent the same protein.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:64000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

PRNP polyclonal antibody (Cat # PAB7057) (0.3 ug/mL) staining of human brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PRNP

Entrez GeneID	5621
Protein Accession#	NP_00.0302.1;NP_898902.1
Gene Name	PRNP
Gene Alias	ASCR, CD230, CJD, GSS, MGC26679, PRIP, PrP, PrP27-30, PrP33-35C, PrPc, prion
Gene Description	prion protein
Omim ID	123400 137440 176640 600072 603218 606688
Gene Ontology	Hyperlink
Gene Summary	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. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq]

Other Designations

CD230 antigen|OTTHUMP00000030162|OTTHUMP00000030163|major prion protein|p27-30|prion protein PrP|prion-related protein

Publication Reference

- [Functional implication of cellular prion protein in antigen-driven interactions between T cells and dendritic cells.](#)

Ballerini C, Gourdain P, Bachy V, Blanchard N, Levavasseur E, Gregoire S, Fontes P, Aucouturier P, Hivroz C, Carnaud C.
Journal of Immunology 2006 Jun; 176(12):7254.

Application: Blocking, Flow Cyt, Func, IF, Mouse, Mouse T cells

Pathway

- [Prion diseases](#)

Disease

- [Alcoholism](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Aphasia](#)
- [Asthma](#)
- [Ataxia](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Colorectal Neoplasms](#)
- [Creutzfeldt-Jakob Syndrome](#)
- [Deafness](#)
- [Dementia](#)

- [Diabetes Complications](#)
- [Disease Progression](#)
- [Down Syndrome](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Hepatolenticular Degeneration](#)
- [Hereditary Motor and Sensory Neuropathies](#)
- [Huntington disease](#)
- [Iatrogenic Disease](#)
- [Intelligence Tests](#)
- [Kuru](#)
- [Learning](#)
- [Liver Diseases](#)
- [Memory](#)
- [Metabolic Syndrome X](#)
- [Multiple Sclerosis](#)
- [Multiple System Atrophy](#)
- [Muscle Rigidity](#)
- [Myoclonus](#)
- [Neoplasms](#)
- [Nervous System Diseases](#)
- [Neurodegenerative Diseases](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Parkinson disease](#)

- [Pattern Recognition](#)
- [Prion Diseases](#)
- [Psychiatric Status Rating Scales](#)
- [Psychometrics](#)
- [Psychomotor Performance](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Sclerosis](#)
- [Sleep Initiation and Maintenance Disorders](#)
- [Sleep Stages](#)
- [Wakefulness](#)
- [Wechsler Scales](#)
- [Weight Gain](#)
- [Werner syndrome](#)