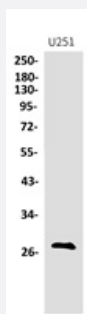


RecomAb™

PRNP recombinant monoclonal antibody, clone R03-2E2

Catalog # RAB04855 Size 100 uL

Applications



Western Blot (Cell lysate)

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PRNP.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human PRNP.
Theoretical MW (kDa)	28
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Gene Info — PRNP

Entrez GeneID	5621
Protein Accession#	P04156
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

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](#)