

Recombinant

DGRmAb®

PRNP (DGR16827) Rabbit mAb

db12127

Package : 10µL 20µL 50µL 100µL

Product Name : PRNP (DGR16827) Rabbit mAb**Cat.No.:** db12127**Synonyms :** CJD; GSS; PrP; ASCR; KURU; PRIP; PrPc; CD230; AltPrP; p27-30; PrP27-30; PrP33-35C**Application :** WB, IHC-P, FC**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

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. [provided by RefSeq, Nov 2014]

Immunogen

A synthetic peptide of human PRNP

Gene ID

5621

Swiss Prot

P04156

Synonyms

CJD; GSS; PrP; ASCR; KURU; PRIP; PrPc; CD230; AltPrP; p27-30; PrP27-30; PrP33-35C

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, FC

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:200-1:500

FC: 1:50-1:100

Calculated MW

28 kDa

Observed MW

28 kDa

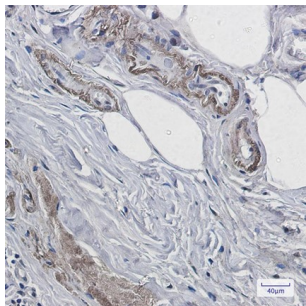
Host species

Rabbit

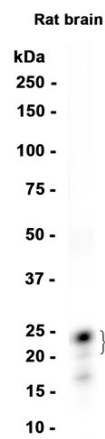
Clonality

Monoclonal

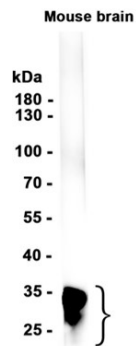
Clonality No.	DGR16827
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



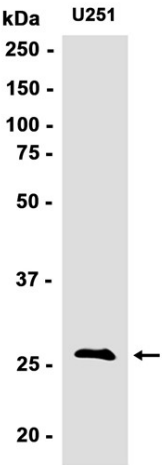
Immunohistochemical analysis of paraffin-embedded human breast cancer using db12127 antibody.



Western blot analysis of extracts from Rat brain tissue using db12127 at 1:1000.



Western blot analysis of extracts from Mouse brain tissue using db12127 at 1:1000.



Western blot analysis of extracts from U251 cells using db12127 at 1:1000.