

Recombinant**DGRmAb®****PRNP (DGR16827) Rabbit mAb (PBS Only)****db12127-PBS****Package : 100µg****Product Name :** PRNP (DGR16827) Rabbit mAb (PBS Only)**Cat.No.:** db12127-PBS**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

Calculated MW

28 kDa

Observed MW

28 kDa

Host species

Rabbit

Clonality

Monoclonal

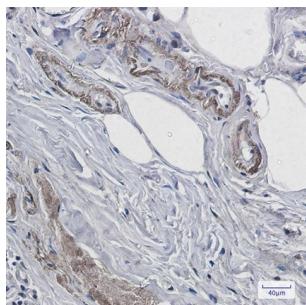
Clonality No.

DGR16827

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Immunohistochemical analysis of paraffin-embedded human breast cancer using [db12127](#) antibody.

Rat brain

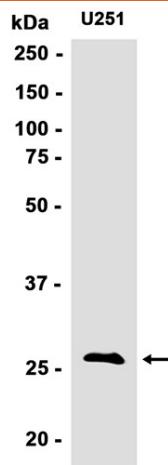
Western blot analysis of extracts from Rat brain tissue using [db12127](#) at 1:1000.

kDa
250 -
150 -
100 -
75 -
50 -
37 -
25 - {
20 -
15 -
10 -

Mouse brain

Western blot analysis of extracts from Mouse brain tissue using [db12127](#) at 1:1000.

kDa
180 -
130 -
100 -
70 -
55 -
40 -
35 - {
25 -



Western blot analysis of extracts from U251 cells using [db12127](#) at 1:1000.