

Recombinant

DGRmAb®

Amyloid Precursor Protein (DGR16504) Rabbit mAb

db11190

Package : 10µL 20µL 50µL 100µL

Product Name : Amyloid Precursor Protein (DGR16504) Rabbit mAb**Cat.No.:** db11190**Synonyms** : AAA; AD1; PN2; ABPP; APPI; CVAP; ABETA; PN-II; preA4; CTFgamma**Application** : WB, IHC-P, FC**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a cell surface receptor and transmembrane precursor protein that is cleaved by secretases to form a number of peptides. Some of these peptides are secreted and can bind to the acetyltransferase complex APBB1/TIP60 to promote transcriptional activation, while others form the protein basis of the amyloid plaques found in the brains of patients with Alzheimer disease. In addition, two of the peptides are antimicrobial peptides, having been shown to have bacteriocidal and antifungal activities. Mutations in this gene have been implicated in autosomal dominant Alzheimer disease and cerebroarterial amyloidosis (cerebral amyloid angiopathy). Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Aug 2014]

Immunogen

A synthetic peptide of human Amyloid Precursor Protein

Gene ID

351

Swiss Prot

P05067

Synonyms

AAA; AD1; PN2; ABPP; APPI; CVAP; ABETA; PN-II; preA4; CTFgamma

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, FC

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:100-1:200

FC: 1:10-1:100

Calculated MW

87 kDa

Observed MW

100 kDa

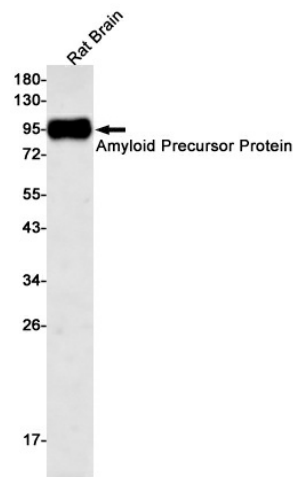
Host species

Rabbit

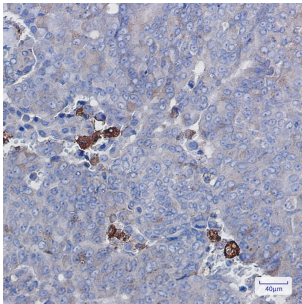
Clonality

Monoclonal

Clonality No.	DGR16504
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.



Western blot detection of Amyloid Precursor Protein in Rat Brain lysates using Amyloid Precursor Protein antibody(1:500 diluted).



Immunohistochemical analysis of paraffin-embedded human breast cancer using db11190 antibody.