

Recombinant

DGRmAb®

BACE2 (DGR33648) Rabbit mAb (PBS Only)

db13079-PBS

Package : 100µg

Product Name : BACE2 (DGR33648) Rabbit mAb (PBS Only)**Cat.No.:** db13079-PBS**Synonyms** : ASP1; BAE2; DRAP; AEPLC; ALP56; ASP21; CDA13; CEAP1**Application** : WB, IHC-P, ICC/IF, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes an integral membrane glycoprotein that functions as an aspartic protease. The encoded protein cleaves amyloid precursor protein into amyloid beta peptide, which is a critical step in the etiology of Alzheimer's disease and Down syndrome. The protein precursor is further processed into an active mature peptide. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Immunogen

Recombinant protein of human BACE2

Gene ID

25825

Swiss Prot

Q9Y5Z0

Synonyms

ASP1; BAE2; DRAP; AEPLC; ALP56; ASP21; CDA13; CEAP1

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, IP

Calculated MW

56 kDa

Observed MW

56 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR33648

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Concentration

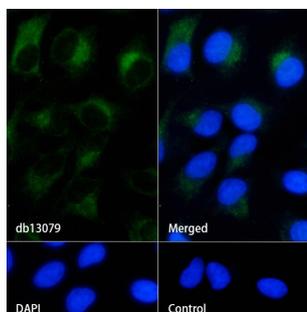
1 mg/mL

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.



Immunofluorescence analysis of HeLa cells labelling BACE2 with [db13079](#).

The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with [db13079](#) (1:50) at room temperature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 [db10005](#), shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.