

**Recombinant****DGRmAb®****GAP43 (DGR13578) Rabbit mAb (PBS Only)****db12045-PBS****Package : 100µg****Product Name :** GAP43 (DGR13578) Rabbit mAb (PBS Only)**Cat.No.:** db12045-PBS**Synonyms :** B-50; PP46**Application :** WB, IHC-P, ICC/IF, FC, IP**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

The protein encoded by this gene has been termed a 'growth' or 'plasticity' protein because it is expressed at high levels in neuronal growth cones during development and axonal regeneration. This protein is considered a crucial component of an effective regenerative response in the nervous system. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human GAP43

**Gene ID**

2596

**Swiss Prot**

P17677

**Synonyms**

B-50; PP46

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF, FC, IP

**Calculated MW**

25 kDa

**Observed MW**

46 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR13578

**Isotype**

IgG

**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

**Concentration**

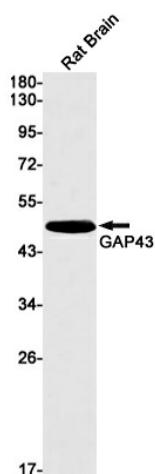
1 mg/mL

**Formulation**

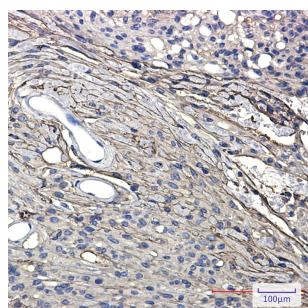
PBS Only

**Storage Stability**

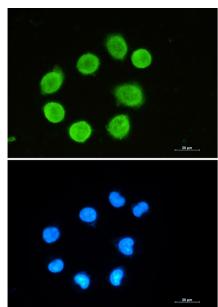
Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of GAP43 in Rat Brain lysates using GAP43 antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human Brain using db12045 antibody.



Immunofluorescent analysis of SH-SY5Y cells using db12045 antibody (green), and DAPI (blue).