

Recombinant

DGRmAb®

**GAP43 (DGR13578) Rabbit mAb**

db12045

Package : 10µL 20µL 50µL 100µL

**Product Name** : GAP43 (DGR13578) Rabbit mAb**Cat.No.:** db12045**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

**Recommended dilution**WB: 1:1000  
IHC-P: 1:500-1:2000  
ICC/IF: 1:100-1:200  
FC: 1:20-1:50  
IP: 1:20-1:50**Calculated MW**

25 kDa

**Observed MW**

46 kDa

**Host species**

Rabbit

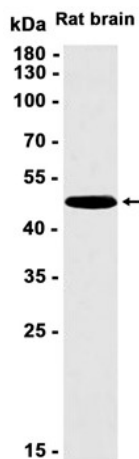
**Clonality**

Monoclonal

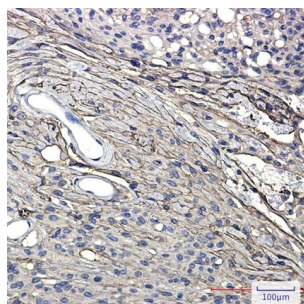
**Clonality No.**

DGR13578

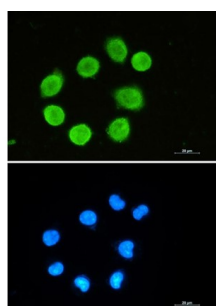
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



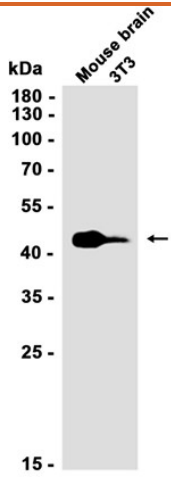
Western blot analysis of extracts from Rat brain tissue using db12045 at 1:1000.



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



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



Western blot analysis of extracts from 3T3 cells and Mouse brain tissue using db12045 at 1:1000.