

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 dilutionWB: 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

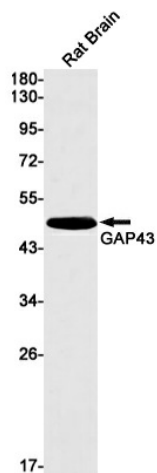
Clonality

Monoclonal

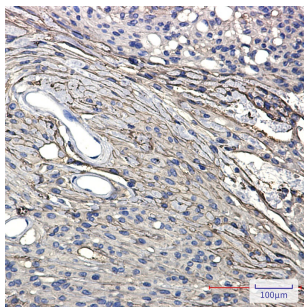
Clonality No.

DGR13578

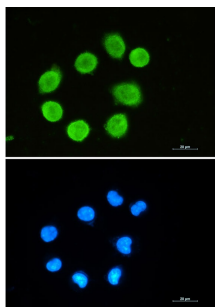
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of 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).