

GAP43 Rabbit mAb

Catalog No: #58917

Package Size: #58917-1 50ul #58917-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	GAP43 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB;IHC;ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	GAP43 Antibody detects endogenous levels of GAP43
Conjugates	Unconjugated
Other Names	GAP43, Axonal membrane protein GAP-43, B-50, Growth associated protein 43, Neural phosphoprotein B-50, Neuromodulin, PP46, GAP-43, Protein F1;
Accession No.	P17677
Calculated MW	25 kDa
SDS-PAGE MW	48 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

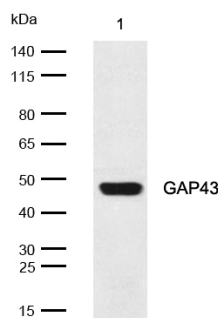
Application Details

WB: 1:500-1:2000

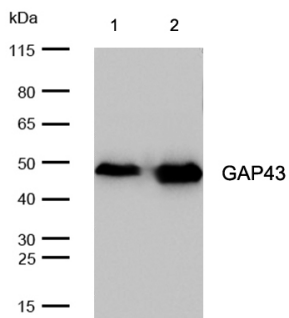
IHC: 1:50-1:200

ICC/IF: 1:50-1:200

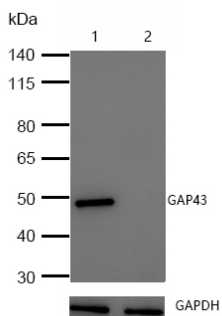
Images



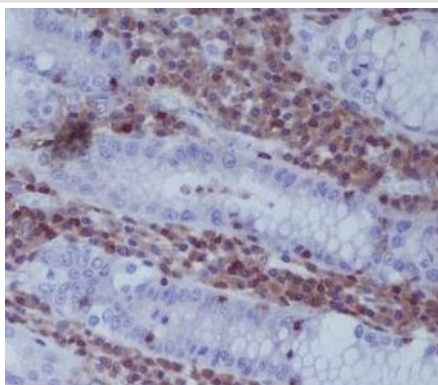
All lanes: GAP43 Rabbit mAb at 1/1k dilution
 Lane 1 : SH-SY5Y whole cell lysates Lysates/proteins at 20 µg per lane.
 Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
 Predicted band size: 25 kDa Observed band size: 48 kDa
 Exposure time: 6 seconds



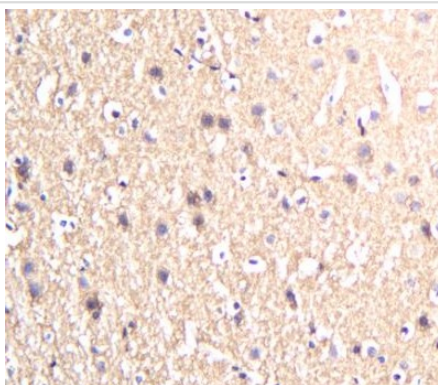
All lanes: GAP43 Rabbit mAb at 1/1k dilution
 Lane 1 : Mouse brain lysates
 Lane 2 : Rat brain lysates
 Lysates/proteins at 20 µg per lane.
 Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
 Predicted band size: 25 kDa
 Observed band size: 48 kDa
 Exposure time: 3 seconds



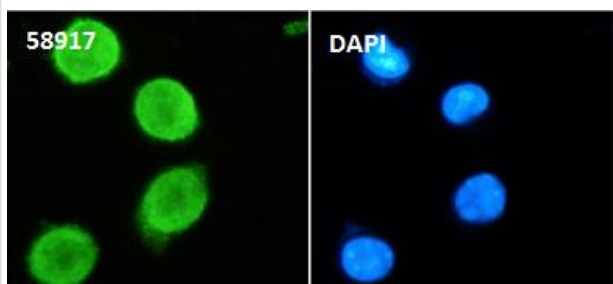
All lanes: GAP43 Rabbit mAb at 1/1k dilution
 Lane 1 : Wild-type HeLa cell lysate
 Lane 2 : GAP43 knockdown HeLa cell lysate
 Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human stomach tissue stained for GAP43 using 58917 at 1/100 dilution in immunohistochemical analysis.



Formalin-fixed, paraffin-embedded rat brain tissue stained for GAP43 using 58917 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence GAP43 antibody (58917)
 ICC/IF staining of GAP43 in SH-SY5Y cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 58917 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.