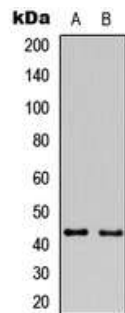


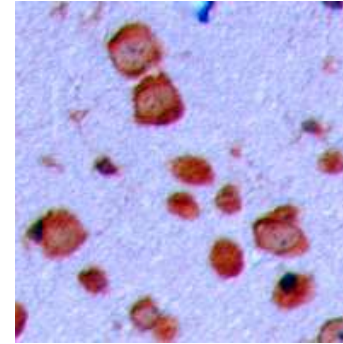
Phospho GAP43 (Ser41) Antibody

CATALOG NO:	A1220-100
ALTERNATIVE NAMES:	Neuromodulin; Axonal membrane protein GAP-43; Growth-associated protein 43; Neural phosphoprotein B-50; pp46
AMOUNT:	100 µl
IMMUNOGEN:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GAP43
HOST/ISOTYPE:	Rabbit IgG
CLONALITY:	Polyclonal
SPECIFICITY:	Recognizes endogenous levels of GAP43 protein
SPECIES REACTIVITY:	Human, Mouse and Rat
PURIFICATION:	The antibody was purified by affinity chromatography
FORM:	Liquid
FORMULATION:	Supplied in 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide
STORAGE CONDITIONS:	Shipped at 4°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
DESCRIPTION:	This protein is associated with nerve growth. It is a major component of the motile "growth cones" that form the tips of elongating axons. Plays a role in axonal and dendritic filopodia induction.
APPLICATION:	WB; 1:500 – 1:2000, IH; 1:100 – 1:200, IF/IC; 1:100 – 1:500

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot analysis of GAP43 expression in HeLa (A); mouse brain (B) whole cell lysates



Immunohistochemical analysis of GAP43 staining in human brain formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of GAP43 staining in HeLa cells

RELATED PRODUCTS:

- Anti-GFAP Rabbit Monoclonal Antibody (Cat. No. A1124-50)
- Anti-LINGO2 Antibody (Cat. No. A1205-100)
- Anti-TRAK2 Antibody (Cat. No. A1186-100)
- BDNF Antibody (Cat. No. 5004-100)

FOR RESEARCH USE ONLY! Not to be used on humans.