

Rabbit GAP43 Polyclonal Antibody | anti-GAP43 antibody

Anti-GAP43 (pS41) Phospho Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA262915	Rabbit	Human, Mouse, Rat, Bovine, Chicken, Monkey, Zebrafish	Immunocytochemistry, Immunofluorescence, Western Blot

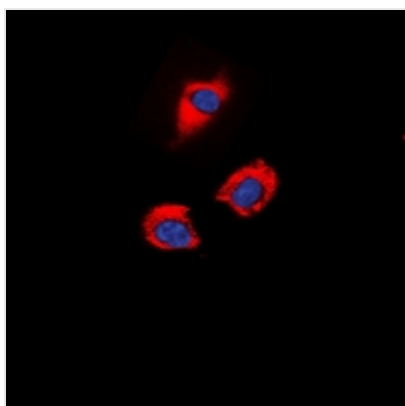
PRODUCT SYNONYMS

GAP43; Polyclonal Antibody; Anti-GAP43 (pS41) Phospho Antibody; Neuromodulin; Axonal membrane protein GAP-43; Growth-associated protein 43; Neural phosphoprotein B-50; pp46; anti-GAP43 antibody

PRODUCT SPECIFICATIONS

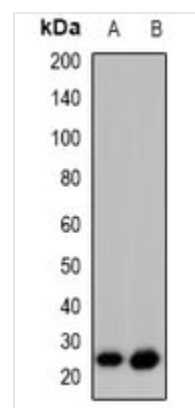
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Chicken, Monkey, Zebrafish
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of GAP43 (pS41) protein.
Purity/Purification	The antibody was purified by affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	274
Applicable Applications for anti-GAP43 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human GAP43. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of GAP43 (pS41) staining in SHSY5Y cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of GAP43 (pS41) expression in HeLa PMA-treated (A), SHSY5Y (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-GAP43 antibody	Rabbit polyclonal antibody to GAP43 (pS41)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194248057
NCBI GeneID	2596
NCBI Accession #	NP_001123536.1
NCBI GenBank Nucleotide #	NM_001130064.1
UniProt Accession #	P17677; A8K0Y4
Molecular Weight	28,766 Da
NCBI Official Full Name	neuromodulin isoform 1
NCBI Official Synonym Full Names	growth associated protein 43
NCBI Official Symbol	GAP43
NCBI Official Synonym Symbols	B-50; PP46
NCBI Protein Information	neuromodulin
UniProt Protein Name	Neuromodulin
UniProt Gene Name	GAP43
UniProt Entry Name	NEUM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gap43-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/262915>