

Anti-Phospho-GAP43 (S41) Rabbit Polyclonal Antibody



Catalog #: U0751

Aliases

Neuromodulin; Axonal membrane protein GAP-43; Growth-associated protein 43; Neural phosphoprotein B-50; pp46

Background

Gene Name: GAP43

NCBI Gene Entry: [2596](#)

UniProt Entry: [P17677](#)

Application Information

Molecular Weight: Predicted, 24 kDa; observed, 24 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, bovine, chicken, monkey, zebrafish

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Phospho-GAP43 (S41)

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:2,000

Immunocytochemistry (IC): 1:50-1:100

Note: This product is for research use only.

Validation Data

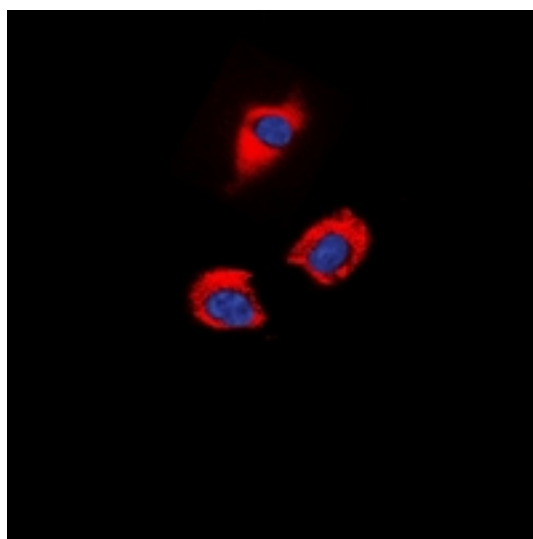
SUPPORT

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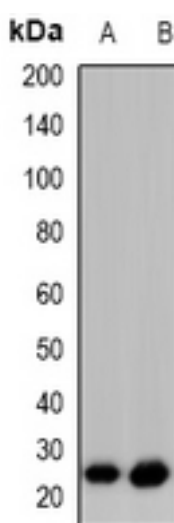
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Immunocytochemical analysis of GAP43 (Phospho-S41) staining in SHSY5Y cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with 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).



Western blotting analysis of GAP43 (Phospho-S41) expression in HeLa PMA-treated (A), SHSY5Y (B) whole cell lysates.