

Rabbit GAP43 Polyclonal Antibody | anti-GAP43 antibody

GAP43 antibody

CATALOG # AAA224957	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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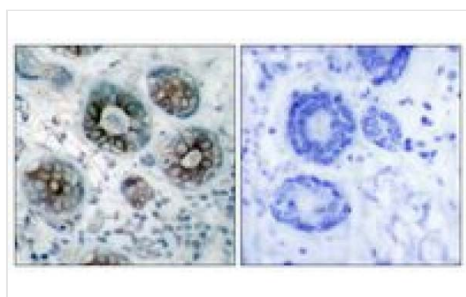
PRODUCT SYNONYMS

GAP43; Polyclonal Antibody; GAP43 antibody; Rabbit polyclonal GAP43 antibody; Polyclonal GAP43 antibody; Anti-GAP43 antibody; GAP-43; GAP 43 antibody; Ab 41 antibody; GAP 43; Growth Associated Protein 43 antibody; GAP-43 antibody; anti-GAP43 antibody

PRODUCT SPECIFICATIONS

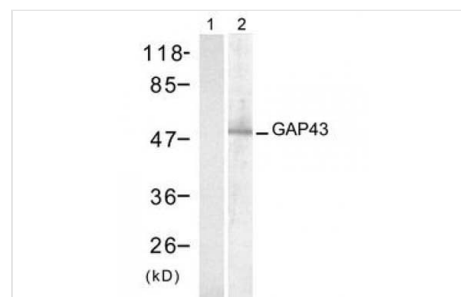
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified by immunoaffinity chromatography.
Form/Format	Liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mm NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-GAP43 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Immunogen	GAP43 antibody was raised in Rabbit using the peptide sequence around aa 38~43 (Q-A-S-F-R) derived from Human GAP43 as the immunogen.
Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



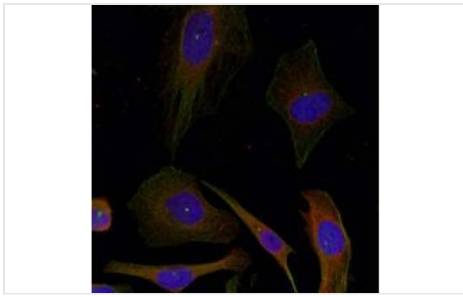
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using GAP43 antibody (left) or the same antibody preincubated with blocking peptide (right)



WB (Western Blot)

Western Blot analysis of extracts from mouse brain tissue using GAP43 antibody and the same antibody preincubated with blocking peptide.



IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells using GAP43 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-GAP43 antibody

GAP-43, a common marker of differentiating neurons, is expressed at elevated levels by developing or regenerating neurons during axon growth. While GAP-43 is an integral membrane protein associated with the cytoplasmic surface of axonal growth cones (and synapses), it is absent from dendritic growth cones. In adult brain, GAP-43 is found in high concentration in presynaptic areas where memory formation is thought to occur, such as frontal cortex, limbic system and hippocampus.

Product Categories/Family for anti-GAP43 antibody

Neuroscience

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://stage.aaabiotech.com/polyclonal/gap43-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/224957>