

Mouse GAP43 Monoclonal Antibody | anti-GAP43 antibody

GAP43 Mouse mAb

CATALOG # AAA276842	HOST Mouse	REACTIVITY Human, Rat, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

GAP43; Monoclonal Antibody; GAP43 Mouse mAb; B50 antibody; Growth Associated Protein 43 antibody; Nerve Growth Related Peptide antibody; anti-GAP43 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Isotype	IgG1
Form/Format	PBS with 0.02% sodium azide and 50% glycerol pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-GAP43 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using GAP43 (EM1181) Mouse mAb diluted at 1:500.



WB (Western Blot)

Western blot analysis of 1) Hela, 2) 293T, 3) Mouse Brain Tissue, 4) Rat Brain Tissue with GAP43 Mouse mAb EM1181 diluted at 1:2,000.

ADDITIONAL INFORMATION

Related Product Information for anti-GAP43 antibody	Growth Associated Protein 43 also known as GAP43 is a protein that in humans is encoded by the GAP43 gene. GAP43, is a nervous tissue-specific cytoplasmic protein that can be attached to the membrane via a dual palmitoylation sequence on cysteines 3 and 4. This sequence targets GAP43 to lipid rafts.
Product Categories/Family for anti-GAP43 antibody	Cell junction ; Cell membrane ; Cell projection ; Membrane ; Synapse

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	24,803 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; protein F1; neural phosphoprotein B-50; growth-associated protein 43; axonal membrane protein GAP-43; calmodulin-binding protein P-57; nerve growth-related peptide GAP43; neuron growth-associated protein 43
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://stage.aaabiotech.com/monoclonal/gap43-antibody-immunohistochemistry-western-blot-elisa/276842>