

Rabbit anti-Mouse, Rat Growth Associated Protein 43 Polyclonal Antibody | anti-GAP43 antibody

Polyclonal Antibody to Growth Associated Protein 43 (GAP43)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA141550	Rabbit	Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

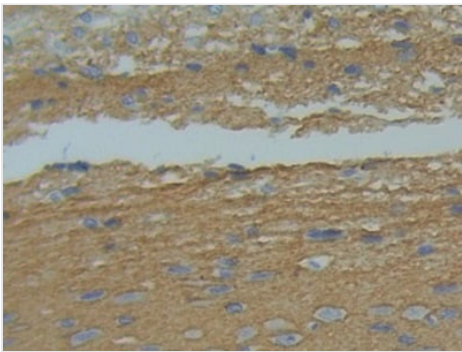
PRODUCT SYNONYMS

Growth Associated Protein 43; Polyclonal Antibody; Polyclonal Antibody to Growth Associated Protein 43 (GAP43); anti-GAP43 antibody

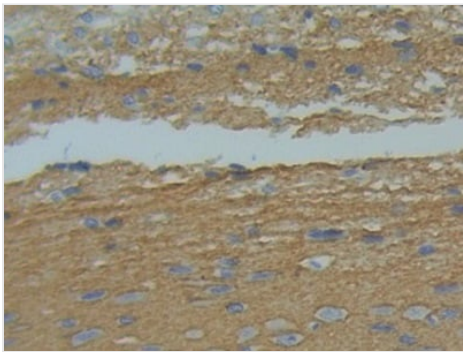
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against GAP43. It has been selected for its ability to recognize GAP43 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-TKQVEKND EDQKIEQDGV KPDKAHKAA TKIQASFRGH ITRKKLKDEK KGDAPAAEAE AKEKDDAPVA DGVEKKEGDG SATTDAA PAT SPKAEPSKA GDAPSEEEKG EGDAAPSEEEK AGSAETESAA KATTDNSPSS KAEDGPAKEE PKQADVPAAV TDAAATTPAA EDAAKAAQPP TETAESSQAE EEKEA
Sequence Length	238
Applicable Applications for anti-GAP43 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	GAP43 (Thr8~Ala226)
Organism Species	Rattus norvegicus (Rat)
Cross Reactivity	Mouse, Rat
Conjugate	No Conjugate
Immunogen	Recombinant GAP43 (Thr8~Ala226) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

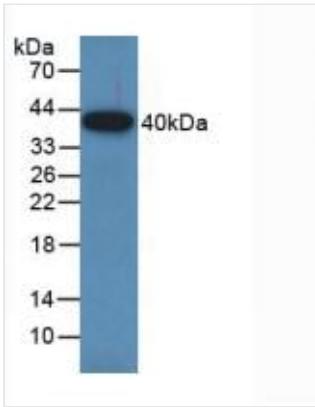
IMAGES



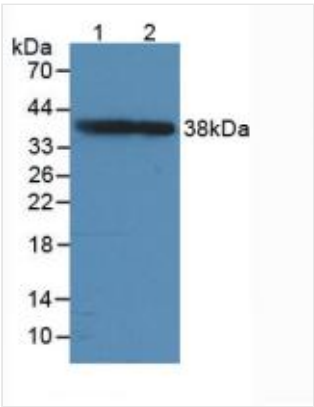
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Brain Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Brain Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant GAP43, Rat.



WB (Western Blot)
Western Blot: Sample: Lane1: Rat Brain Tissue; Lane2: Mouse Brain Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8393415
NCBI GeneID	29423
NCBI Accession #	NP_058891.1
NCBI GenBank Nucleotide #	NM_017195.3
UniProt Accession #	P07936; A0JPM4
Molecular Weight	23,603 Da
NCBI Official Full Name	neuromodulin
NCBI Official Synonym Full Names	growth associated protein 43
NCBI Official Symbol	Gap43
NCBI Official Synonym Symbols	Basp2
NCBI Protein Information	neuromodulin
UniProt Protein Name	Neuromodulin
UniProt Gene Name	Gap43

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.