

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

Polyclonal Antibody to Growth Associated Protein 43 (GAP43)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA143765	Rabbit	Human, Rat, Pig	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	Human, Rat, Pig
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	1mg/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. MGSSHHHHHSSGLVPRGSHMASMTGGQQMGRGSEF-MTKSCSELCHPALHFLPCLGGLRKNLQRAVRPSPYSLGFLTFWISRVEKNDDQKIEQDGIKPEDKAHKAATKIQASF RGHITRKKLKGEKKDDVQAAEAEANKKDEAPVADGVEKKGEGLTTTAEAAPATGSKPDEPGKAGETPSEKKGEGDAATEQAAPQAPASSE EKAGSAETESATKASTDNSPSSKAEDAPAKEEPKQADVPAVTAATAATTPAAEDAAKAT AQPPTETGES SQAEENIEAVDETKPKESARQD
Sequence Length	242
Applicable Applications for anti-GAP43 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	GAP43 (Met1~Ala274)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Rat, Pig
Conjugate	No Conjugate
Immunogen	Recombinant GAP43 (Met1~Ala274) 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: Human Breast Cancer Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Pancreas Cancer Tissue



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



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



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

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

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/growth-associated-protein-43-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/143765>