

Rabbit anti-Human ARHGAP18 Polyclonal Antibody | anti-ARHGAP18 antibody

ARHGAP18 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290035	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

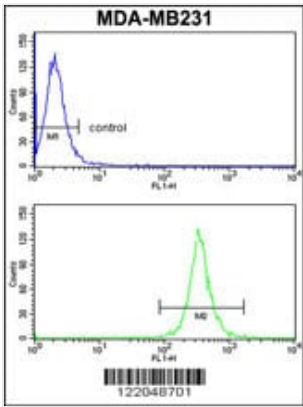
PRODUCT SYNONYMS

ARHGAP18; Polyclonal Antibody; ARHGAP18 Antibody (Center); Rho GTPase-activating protein 18; MacGAP; Rho-type GTPase-activating protein 18; ARHGAP18 HGNC:21035); anti-ARHGAP18 antibody

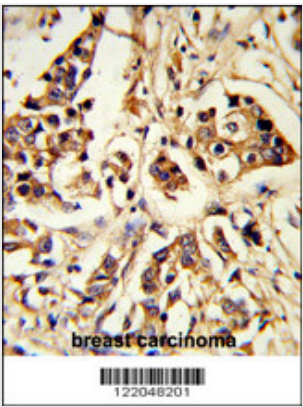
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ARHGAP18 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 180-207 amino acids from the Central region of human ARHGAP18.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	180-207
Sequence Length	618
Applicable Applications for anti-ARHGAP18 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

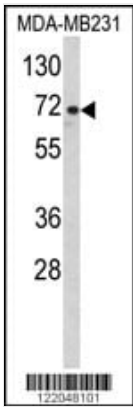
IMAGES



FCM/FACS (Flow Cytometry)
ARHGAP18 Antibody (Center) flow cytometry analysis of MDA-MB231 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human breast carcinoma reacted with ARHGAP18 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of ARHGAP18 Antibody (Center) in MDA-MB231 cell line lysates (35ug/lane). ARHGAP18 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ARHGAP18 antibody	GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state.
Product Categories/Family for anti-ARHGAP18 antibody	Signal Transduction
References	Potkin,S.G., et.al., Mol. Psychiatry 14 (4), 416-428 (2009) Lehner,B.et.al., Genome Res. 14 (7), 1315-1323 (2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	39932589
NCBI GeneID	93663
NCBI Accession #	NP_277050.2
NCBI GenBank Nucleotide #	NM_033515.2
UniProt Accession #	Q8N392; Q58EZ3; Q6P679; Q6PJD7; Q96S64; E1P575
Molecular Weight	74977
NCBI Official Full Name	rho GTPase-activating protein 18

NCBI Official Synonym Full Names	Rho GTPase activating protein 18
NCBI Official Symbol	ARHGAP18
NCBI Official Synonym Symbols	SENEX; MacGAP; bA307O14.2
NCBI Protein Information	rho GTPase-activating protein 18
UniProt Protein Name	Rho GTPase-activating protein 18
UniProt Gene Name	ARHGAP18
UniProt Entry Name	RHG18_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://www.aaabiotech.com/polyclonal/arhgap18-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/290035>