

Rabbit RGP1 Polyclonal Antibody | anti-RGP1 antibody

RGP1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283682	Rabbit	Human, mouse (Predicted Reactivity: Bovine)	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

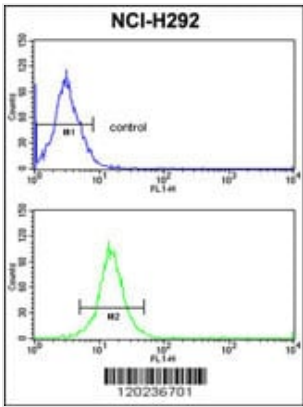
PRODUCT SYNONYMS

RGP1; Polyclonal Antibody; RGP1 Antibody (C-term); RAB6A-GEF complex partner protein 2; Retrograde Golgi transport protein RGP1 homolog; RGP1 HGNC:21965; KIAA0258; anti-RGP1 antibody

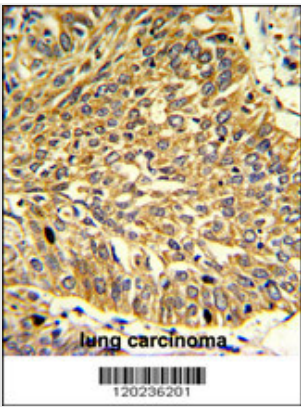
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RGP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 243-271 amino acids from the C-terminal region of human RGP1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	243-271
Sequence Length	391
Applicable Applications for anti-RGP1 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
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.

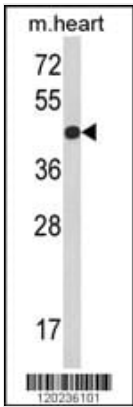
IMAGES



FCM/FACS (Flow Cytometry)
RGP1 Antibody (C-term) flow cytometric analysis of NCI-H292 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 lung carcinoma reacted with RGP1 Antibody (C-term), 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 RGP1 Antibody (C-term) in mouse heart tissue lysates (35ug/lane). RGP1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-RGP1 antibody	Retrograde golgi transport homolog 1 (RGP1) is the mammalian homolog to the yeast RGP1, and is thought to be a potential Golgi recycling factor. The protein forms a tight complex with RIC1 and this complex binds Ypt6p and stimulates guanine nucleotide exchange. RGP1 yeast mutants exhibit defects in retrograde trafficking that are similar to those seen in yeast, with mutations in other retrograde Golgi transport proteins. It is expected that RGP1 plays a similar role in mammalian cells.
Product Categories/Family for anti-RGP1 antibody	Signal Transduction
References	Gerhard,D.S., et.al., Genome Res. 14 (10B), 2121-2127 (2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	303324559
NCBI GeneID	9827
NCBI Accession #	NP_001073965.2
NCBI GenBank Nucleotide #	NM_001080496.2
UniProt Accession #	Q92546; Q5TCV5

Molecular Weight	42455
NCBI Official Full Name	RAB6A-GEF complex partner protein 2
NCBI Official Synonym Full Names	RGP1 retrograde golgi transport homolog (S. cerevisiae)
NCBI Official Symbol	RGP1
NCBI Official Synonym Symbols	KIAA0258
NCBI Protein Information	RAB6A-GEF complex partner protein 2
UniProt Protein Name	RAB6A-GEF complex partner protein 2
UniProt Gene Name	RGP1
UniProt Entry Name	RGP1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/rgp1-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/283682>