

Rabbit anti-Human RanGAP1 Polyclonal Antibody | anti-RANGAP1 antibody

Rabbit anti-RanGAP1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211730	Rabbit	Human	Immunohistochemistry, Immunoprecipitation

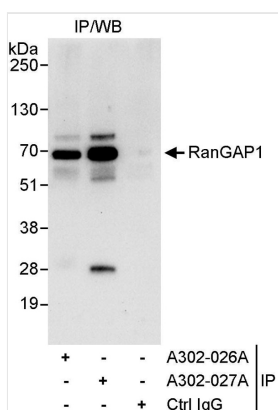
PRODUCT SYNONYMS

RanGAP1; Polyclonal Antibody; Rabbit anti-RanGAP1 Antibody; Affinity Purified; Fug1; segregation distortion; segregation distorter homolog; SD; ran GTPase-activating protein 1; RANGAP; Ran GTPase-activating protein 1; Ran GTPase activating protein 1; anti-RANGAP1 antibody

PRODUCT SPECIFICATIONS

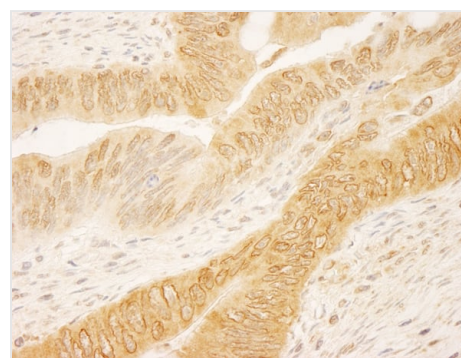
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-RANGAP1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen	Between 400 and 450
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human RanGAP1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HEK293T cells. Antibodies: Affinity purified rabbit anti-RanGAP1 antibody AAA211730 used for IP at 3 ug/mg lysate. RanGAP1 was also immunoprecipitated by rabbit anti-RanGAP1 antibody which recognizes an upstream epitope. For blotting immunoprecipitated RanGAP1, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human RanGAP1 by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-RanGAP1 (Cat. No. AAA211730 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-RANGAP1 antibody	The regulation of GTPase activity is achieved via activators called GEFs (guanine-nucleotide exchange factors) and inactivators called GAPs (GTPase-activating proteins). Ran-specific GTPase-activating protein 1 (RanGAP1) induces the GTPase activity of the RAN small GTPase. The Ran GTPase plays a role in spatial information and nucleocytoplasmic transport. RanGAP1 is the antagonist of the GEF RCC1 which keeps RAN in the active GTP-bound state.
Product Categories/Family for anti-RANGAP1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506411
NCBI GeneID	5905
UniProt Accession #	P46060; Q96JJ2
NCBI Official Full Name	ran GTPase-activating protein 1 [Homo sapiens]
NCBI Official Synonym Full Names	Ran GTPase activating protein 1
NCBI Official Symbol	RANGAP1
NCBI Official Synonym Symbols	SD; Fug1; KIAA1835; MGC20266; RANGAP1
UniProt Protein Name	Ran GTPase-activating protein 1
UniProt Gene Name	RANGAP1
UniProt Synonym Gene Names	KIAA1835; SD
UniProt Entry Name	RAGP1_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/polyclonal/rangap1-antibody-immunohistochemistry-immunoprecipitation-elisa/211730>