

Rabbit Ran BP1 Polyclonal Antibody | anti-Ran BP1 antibody

Ran BP1 antibody

CATALOG # AAA107618	HOST Rabbit	APPLICATIONS Western Blot, Immunocytochemistry, Immunofluorescence
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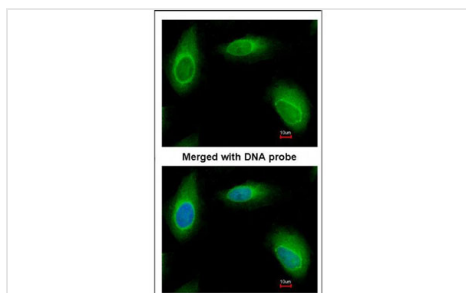
PRODUCT SYNONYMS

Ran BP1; Polyclonal Antibody; Ran BP1 antibody; Polyclonal Ran BP1; Anti-Ran BP1; HTF9A; Ran BP-1; ran-specific GTPase-activating protein; MGC88701; ran-binding protein 1; Ran BP 1; RAN binding protein 1; RANBP1; anti-Ran BP1 antibody

PRODUCT SPECIFICATIONS

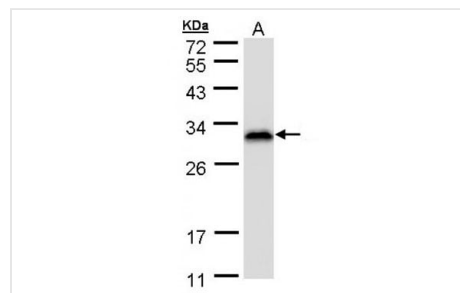
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Ran BP1 antibody was purified by antigen-affinity chromatography
Form/Format	Liquid in 100mM Tris, pH 7.0, with 100mM Glycine, 10% Glycerol, and 0.01% Thimersol as preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	209
Applicable Applications for anti-Ran BP1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	Ran/TC4-binding protein, RanBP1, interacts specifically with GTP-charged RAN. RANBP1 encodes a 23-kD protein that binds to RAN complexed with GTP but not GDP. RANBP1 does not activate GTPase activity of RAN but does markedly increase GTP hydrolysis by the RanGTPase-activating protein (RanGAP1). The RANBP1 cDNA encodes a 201-amino acid protein that is 92% similar to its mouse homolog. In both mammalian cells and in yeast, RANBP1 acts as a negative regulator of RCC1 by inhibiting RCC1-stimulated guanine nucleotide release from RAN.
Cross-Reactivity	Human, Mouse
Immunogen	Recombinant protein encompassing a proprietary sequence within the center region of human Ran BP1.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



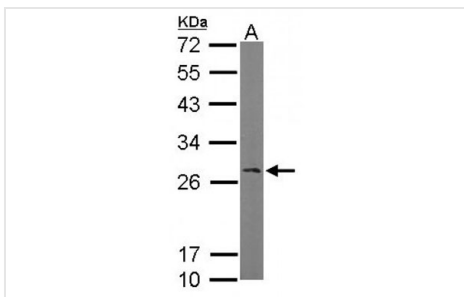
IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Ran BP-1 antibody at 1:200 dilution.



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: HeLa S3) using a 12 % SDS PAGE gel and Ran BP1 antibody at a dilution of 1:1000



WB (Western Blot)

Western blot analysis of 50 ug of whole cell lysate (A: Mouse brain) using a 12 % SDS

PAGE gel and Ran BP1 antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-Ran BP1 antibody	Affinity purified Rabbit polyclonal Ran BP1 antibody
Product Categories/Family for anti-Ran BP1 antibody	Nutrition & Metabolism; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	148223435
NCBI GeneID	379454
NCBI Accession #	NP_001079764.1
NCBI GenBank Nucleotide #	NM_001086295.1
Molecular Weight	23 kDa
NCBI Official Full Name	RAN binding protein 1
NCBI Official Synonym Full Names	RAN binding protein 1
NCBI Official Symbol	ranbp1
NCBI Protein Information	RAN binding protein 1

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/ran-bp1-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/107618>