

Rabbit RANBP1 Polyclonal Antibody | anti-RANBP1 antibody

RANBP1 antibody - C-terminal region

CATALOG # AAA199655	HOST Rabbit	REACTIVITY Cow, Horse, Human, Yeast	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

RANBP1; Polyclonal Antibody; RANBP1 antibody - C-terminal region; anti-RANBP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Horse, Human, Yeast
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KFECCRKEIEER EKKAGSGKND HAEKVAEKLE ALSVKEETKE DAEEKQ
Sequence Length	201
Applicable Applications for anti-RANBP1 antibody	WB (Western Blot)
Homology	Cow: 79%; Horse: 79%; Human: 100%; Yeast: 90%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human RANBP1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-RANBP1 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:12500
 Positive Control: 721_B cell lysate
 RANBP1 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



IHC (Immunohistochemistry)

Rabbit Anti-RANBP1 antibody
 Formalin Fixed Paraffin Embedded Tissue: Human Testis
 Primary antibody Concentration: 1:200
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20x
 Exposure Time: 0.5-2.0sec

ADDITIONAL INFORMATION

Related Product Information for anti-RANBP1 antibody	This is a rabbit polyclonal antibody against RANBP1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-RANBP1 antibody	Polyclonal; Chromatin & Nuclear Signaling; Signal Transduction; Various; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506407
NCBI GeneID	5902
NCBI Accession #	NP_002873
NCBI GenBank Nucleotide #	NM_002882
UniProt Accession #	P43487
Molecular Weight	23kDa
NCBI Official Full Name	ran-specific GTPase-activating protein isoform 2
NCBI Official Synonym Full Names	RAN binding protein 1
NCBI Official Symbol	RANBP1
NCBI Official Synonym Symbols	HTF9A
NCBI Protein Information	ran-specific GTPase-activating protein
UniProt Protein Name	Ran-specific GTPase-activating protein
UniProt Gene Name	RANBP1
UniProt Synonym Gene Names	RanBP1
UniProt Entry Name	RANG_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/ranbp1-antibody-western-blot-elisa/199655>