

Rabbit RAN Polyclonal Antibody | anti-RAN antibody

RAN antibody - middle region

CATALOG # AAA200650	HOST Rabbit	REACTIVITY Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Yeast, Zebrafish	APPLICATIONS Western Blot
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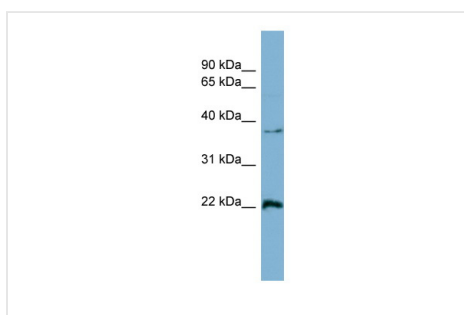
PRODUCT SYNONYMS

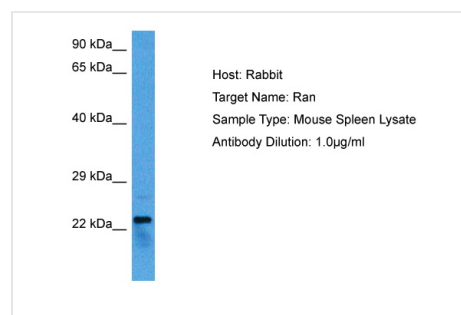
RAN; Polyclonal Antibody; RAN antibody - middle region; anti-RAN antibody

PRODUCT SPECIFICATIONS

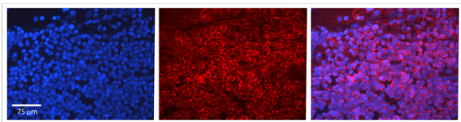
Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: NL QYYDISAKSN YNFEKPFLWL ARKLIGDPNL EFVAMPALAP PEVVMDDPA
Sequence Length	216
Applicable Applications for anti-RAN antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Yeast: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RAN
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-RAN Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: HepG2 cell lysate

WB (Western Blot)

Host: Mouse
Target Name: RAN
Sample Tissue: Mouse Spleen
Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)
 Rabbit Anti-RAN Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human Lymph Node
 Tissue Observed Staining: Nucleus, Cytoplasm
 Primary Antibody Concentration: 1:100
 Other Working Concentrations: 1:600
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-RAN antibody	This is a rabbit polyclonal antibody against RAN. It was validated on Western Blot using a cell lysate as a positive control. Target Description: RAN (ras-related nuclear protein) is a small GTP binding protein belonging to the RAS superfamily that is essential for the translocation of RNA and proteins through the nuclear pore complex. The RAN protein is also involved in control of DNA synthesis and
Product Categories/Family for anti-RAN antibody	Polyclonal; Cell Cycle Proteins; Transcription Regulation; Drugs and Drug Metabolism; Chromatin & Nuclear Signaling; DNA/RNA/Protein Interactions; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453555
NCBI GeneID	5901
NCBI Accession #	NP_006316
NCBI GenBank Nucleotide #	NM_006325
UniProt Accession #	P62826
Molecular Weight	24kDa
NCBI Official Full Name	GTP-binding nuclear protein Ran isoform 1
NCBI Official Synonym Full Names	RAN, member RAS oncogene family
NCBI Official Symbol	RAN
NCBI Official Synonym Symbols	TC4; Gsp1; ARA24
NCBI Protein Information	GTP-binding nuclear protein Ran
UniProt Protein Name	GTP-binding nuclear protein Ran
UniProt Gene Name	RAN
UniProt Synonym Gene Names	ARA24
UniProt Entry Name	RAN_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://stage.aaabiotech.com/polyclonal/ran-antibody-western-blot-elisa/200650>