

Rabbit RAN Polyclonal Antibody | anti-RAN antibody

RAN Polyclonal Antibody

CATALOG # AAA174063	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
-------------------------------	-----------------------	--	-------------------------------------

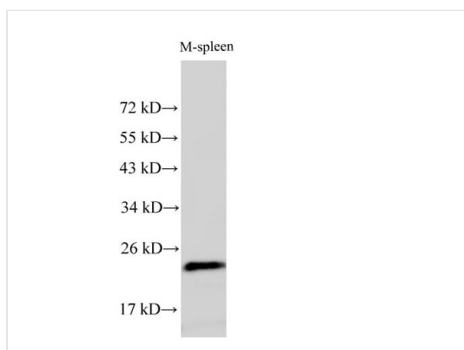
PRODUCT SYNONYMS

RAN; Polyclonal Antibody; RAN Polyclonal Antibody; Androgen receptor associated protein 24; Androgen receptor-associated protein 24; ARA 24; ARA24; Gsp1; GTP binding nuclear protein RAN; GTP-binding nuclear protein Ran; GTPase Ran; Guanosine triphosphatase Ran; LPS; OK/SW-cl.81; ran; RAN member RAS oncogene family; RanGTPase; Ras like protein TC4; Ras related nuclear protein; Ras-like protein TC4; Ras-related nuclear protein; RASL2 8; TC 4; TC4; anti-RAN antibody

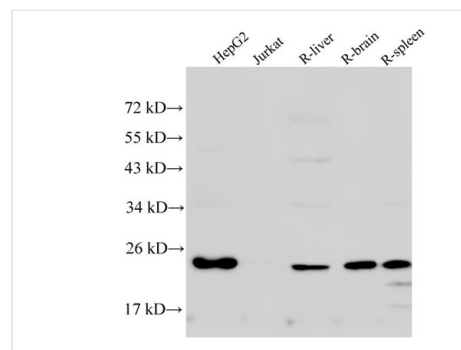
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% Proclin300, 50% glycerol, pH7.3.
Concentration	2 mg/mL (varies by lot)
Sequence Length	216
Applicable Applications for anti-RAN antibody	WB (Western Blot)
Immunogen	Recombinant Human GTP-binding nuclear protein Ran protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western Blot analysis of Mouse spleen using RAN Polyclonal Antibody at dilution of 1:500


WB (Western Blot)

Western Blot analysis of HepG2, Jurkat cells, Rat liver, Rat brain and Rat spleen using RAN Polyclonal Antibody at dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-RAN antibody	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 cell cycle progression. Nuclear localization of RAN requires the presence of regulator of chromosome condensation 1 (RCC1). Mutations in RAN disrupt DNA synthesis.
Product Categories/Family for anti-RAN antibody	Cancer; Cell Biology; Epigenetics and Nuclear Signaling; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	663855578
NCBI GeneID	5901
NCBI Accession #	NP_001287725.1
NCBI GenBank Nucleotide #	NM_001300796.1
UniProt Accession #	P62826; P17080; P28746; P28747; Q6IPB2; Q86V08; Q8NI90; Q9CSP3; Q9CWI7; Q9CZA2; Q9UDJ5; A8K3Z8
Molecular Weight	Calculated: 24 kDa Observed: 24 kDa
NCBI Official Full Name	GTP-binding nuclear protein Ran isoform 2
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	ARA241 PublicationManual assertion based on opinion iniRef.4

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.