

Rabbit RAE1 Polyclonal Antibody | anti-RAE1 antibody

RAE1 antibody

CATALOG # AAA307517	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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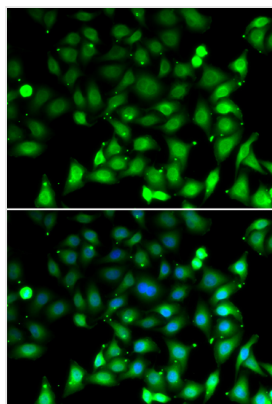
PRODUCT SYNONYMS

RAE1; Polyclonal Antibody; RAE1 antibody; MIG14; MRNP41; Mnrp41; dJ481F12.3; dJ800J21.1; anti-RAE1 antibody

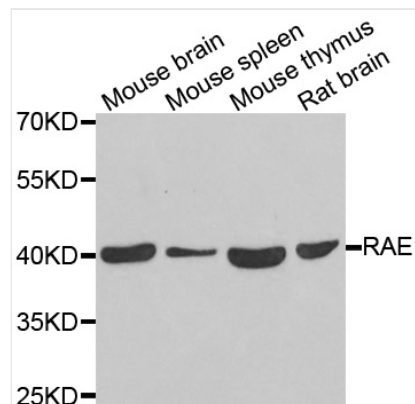
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total RAE1 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	368
Applicable Applications for anti-RAE1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human RAE1.
Target Name	RAE1
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of MCF7 cell using RAE1 antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using RAE1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RAE1 antibody	Mutations in the Schizosaccharomyces pombe Rae1 and Saccharomyces cerevisiae Gle2 genes have been shown to result in accumulation of poly(A)-containing mRNA in the nucleus, suggesting that the encoded proteins are involved in RNA export. The protein encoded by this gene is a homolog of yeast Rae1. It contains four WD40 motifs, and has been shown to localize to distinct foci in the nucleoplasm, to the nuclear rim, and to meshwork-like structures throughout the cytoplasm. This gene is thought to be involved in nucleocytoplasmic transport, and in directly or indirectly attaching cytoplasmic mRNPs to the cytoskeleton. Alternatively spliced transcript variants encoding the same protein have been found for this gene.
Product Categories/Family for anti-RAE1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	62739173
NCBI GeneID	8480
NCBI Accession #	NP_001015885.1
NCBI GenBank Nucleotide #	NM_001015885.1
UniProt Accession #	P78406; O15306; Q3SYL7; Q5TCH8; Q6V708; Q9H100; Q9NQM6; A8K882
Molecular Weight	40,968 Da
NCBI Official Full Name	mRNA export factor
NCBI Official Synonym Full Names	ribonucleic acid export 1
NCBI Official Symbol	RAE1
NCBI Official Synonym Symbols	MIG14; MRNP41; Mnrp41; dJ481F12.3; dJ800J21.1
NCBI Protein Information	mRNA export factor
UniProt Protein Name	mRNA export factor
UniProt Gene Name	RAE1
UniProt Synonym Gene Names	MRNP41
UniProt Entry Name	RAE1L_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/rae1-antibody-immunofluorescence-western-blot-elisa/307517>