

Rabbit RAE1 Polyclonal Antibody | anti-RAE1 antibody

RAE1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198617	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

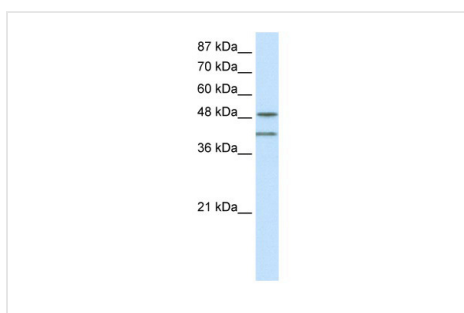
PRODUCT SYNONYMS

RAE1; Polyclonal Antibody; RAE1 antibody - C-terminal region; anti-RAE1 antibody

PRODUCT SPECIFICATIONS

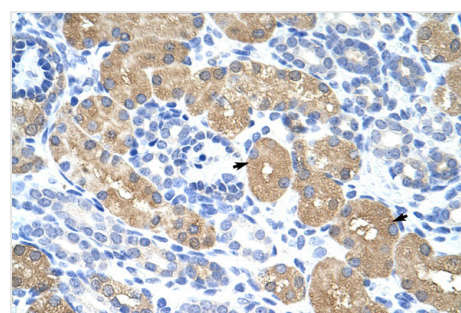
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EQ LDQPISACCF NHNGNIFAYA SSYDWSKGHE FYNPQKKNYI FLRNAAEE
Sequence Length	368
Applicable Applications for anti-RAE1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human RAE1
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



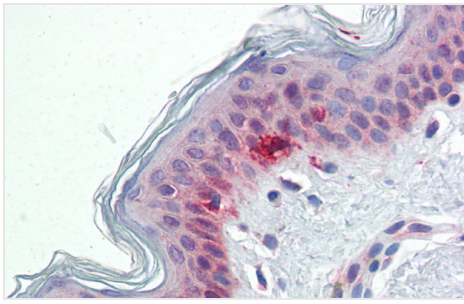
WB (Western Blot)

WB Suggested Anti-RAE1 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:31250
 Positive Control: Jurkat cell lysate
 RAE1 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



IHC (Immunohistochemistry)

Rabbit Anti-RAE1 Antibody
 Paraffin Embedded Tissue: Human Kidney
 Cellular Data: Epithelial cells of renal tubule
 Antibody Concentration: 4.0-8.0 ug/ml
 Magnification: 400X



IHC (Immunohistochemistry)

Immunohistochemistry with Human Skin lysate tissue at an antibody concentration of 5.0ug/ml using anti-RAE1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-RAE1 antibody	This is a rabbit polyclonal antibody against RAE1. It was validated on Western Blot and immunohistochemistry Target Description: RAE1 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. Mutations in the <i>Schizosaccharomyces pombe</i> Rae1 and <i>Saccharomyces cerevisiae</i> 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	Polyclonal ; RNA Binding Proteins ; Drugs and Drug Metabolism ; Chromatin & Nuclear Signaling ; Disease Related ; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	62739173
NCBI GeneID	8480
NCBI Accession #	NP_001015885
NCBI GenBank Nucleotide #	NM_001015885
UniProt Accession #	P78406
Molecular Weight	40kDa
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://www.aaabiotech.com/polyclonal/rae1-antibody-western-blot-immunohistochemistry-elisa/198617>