

**MRNP41 / RAE1 Antibody (C-Terminus)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS13312****Specification**

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**MRNP41 / RAE1 Antibody (C-Terminus) - Product Information**

|                   |                                                                                                  |
|-------------------|--------------------------------------------------------------------------------------------------|
| Application       | WB, IHC-P, E                                                                                     |
| Primary Accession | <a href="#">P78406</a>                                                                           |
| Reactivity        | Human, Mouse, Rat, Rabbit, Zebrafish, Hamster, Monkey, Pig, Chicken, Horse, Xenopus, Bovine, Dog |
| Host              | Goat                                                                                             |
| Clonality         | Polyclonal                                                                                       |
| Calculated MW     | 41kDa KDa                                                                                        |
| Dilution          | WB~~1:1000<br>IHC-P~~N/A<br>E~~N/A                                                               |

**MRNP41 / RAE1 Antibody (C-Terminus) - Additional Information****Gene ID** 8480**Other Names**

mRNA export factor, Rae1 protein homolog, mRNA-associated protein mrnp 41, RAE1, MRNP41

**Target/Specificity**

Human RAE1. NP\_003601 and NP\_001015885 represent identical proteins.

**Reconstitution & Storage**

Store at -20°C. Minimize freezing and thawing.

**Precautions**

MRNP41 / RAE1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**MRNP41 / RAE1 Antibody (C-Terminus) - Protein Information****Name** RAE1**Synonyms** MRNP41**Function**

Acts as a mRNA export factor involved in nucleocytoplasmic transport (PubMed:<a href="http://www.uniprot.org/citations/20498086" target="\_blank">20498086</a>, PubMed:<a href="http://www.uniprot.org/citations/33849972" target="\_blank">33849972</a>). Plays a role in mitotic bipolar spindle formation (PubMed:<a href="http://www.uniprot.org/citations/17172455" target="\_blank">17172455</a>). May function in attaching cytoplasmic mRNPs to the cytoskeleton both directly or indirectly (PubMed:<a href="http://www.uniprot.org/citations/17172455" target="\_blank">17172455</a>).

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#### Cellular Location

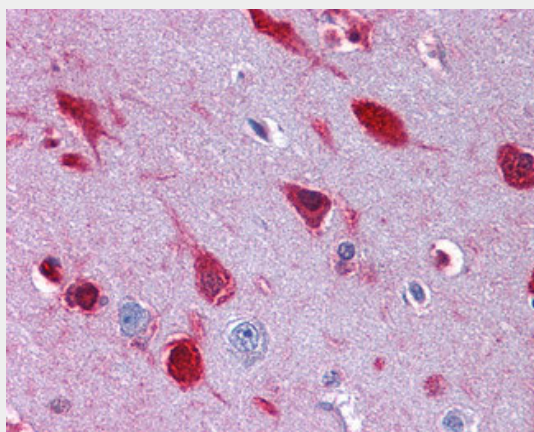
Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, spindle pole. Nucleus envelope. Note=Recruited from interphase nuclei to spindle MTs during mitosis.

#### MRNP41 / RAE1 Antibody (C-Terminus) - Protocols

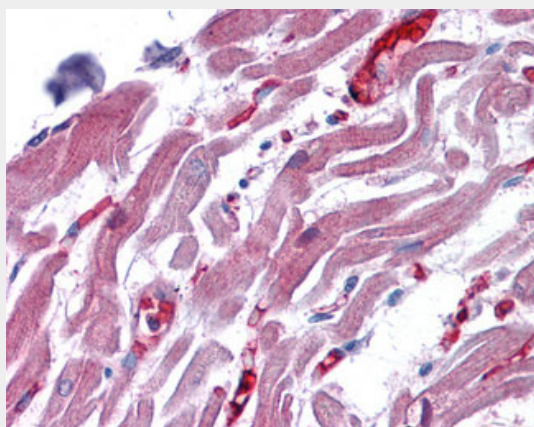
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### MRNP41 / RAE1 Antibody (C-Terminus) - Images



Anti-RAE1 antibody IHC of human brain, cortex.



Anti-RAE1 antibody IHC of human heart.

#### MRNP41 / RAE1 Antibody (C-Terminus) - Background

Binds mRNA. May function in nucleocytoplasmic transport and in directly or indirectly attaching cytoplasmic mRNPs to the cytoskeleton.

**MRNP41 / RAE1 Antibody (C-Terminus) - References**

Bharathi A.,et al.Gene 198:251-258(1997).  
Kraemer D.M.,et al.Proc. Natl. Acad. Sci. U.S.A. 94:9119-9124(1997).  
Lu L.,et al.Submitted (JUL-2003) to the EMBL/GenBank/DDBJ databases.  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Deloukas P.,et al.Nature 414:865-871(2001).