

RAE1 antibody - C-terminal region

Rabbit Polyclonal Antibody Catalog # AI11725

Product Information

ApplicationWB, IHCPrimary AccessionP78406

Other Accession NM 001015885, NP 001015885

ReactivityHuman, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine **Predicted**Human, Mouse, Rat, Rabbit, Zebrafish, Chicken, Dog, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 40968

Additional Information

Gene ID 8480

Alias Symbol MIG14, MRNP41, Mnrp41, dJ481F12.3, dJ800J21.1

Other Names mRNA export factor, Rae1 protein homolog, mRNA-associated protein mrnp

41, RAE1, MRNP41

Format Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium

azide and 2% sucrose.

Reconstitution & Storage Add 50 ul of distilled water. Final anti-RAE1 antibody concentration is 1 mg/ml

in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C.

Avoid repeat freeze-thaw cycles.

Precautions RAE1 antibody - C-terminal region is for research use only and not for use in

diagnostic or therapeutic procedures.

Protein Information

Name RAE1

Synonyms MRNP41

Function Acts as a mRNA export factor involved in nucleocytoplasmic transport

(PubMed:<u>20498086</u>, PubMed:<u>33849972</u>). Plays a role in mitotic bipolar spindle formation (PubMed:<u>17172455</u>). May function in attaching cytoplasmic mRNPs

to the cytoskeleton both directly or indirectly (PubMed: 17172455).

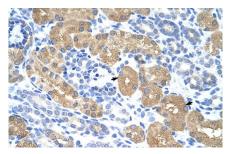
Cellular Location Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, spindle pole. Nucleus envelope.

Note=Recruited from interphase nuclei to spindle MTs during mitosis.

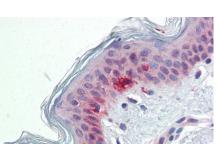
References

Blower, M.D., (2005) Cell 121 (2), 223-234Reconstitution and Storage: For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

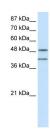
Images



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



Immunohistochemistry with Human Skin lysate tissue at an antibody concentration of 5.0µg/ml using anti-RAE1 antibody (AI11725)



WB Suggested Anti-RAE1 Antibody Titration: 0.2-1 µg/ml ELISA Titer: 1:312500
Positive Control: Jurkat cell lysate
RAE1 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.