Datasheet for ABIN704174

anti-RAE1 antibody (AA 101-200) (Cy3)

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Overview

Quantity:	100 µL
Target:	RAE1
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAE1 antibody is conjugated to Cy3
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RAE1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	RAE1
Alternative Name:	RAE1 (RAE1 Products)
Background:	Synonyms: RAE-1, MIG 14, MIG14, Mnrp 41, Mnrp41, mRNA associated protein mrnp 41, mRNA

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Target Details

	binding protein 41 kD, mRNA export protein, MRNP 41, MRNP41, RAE 1, RAE1 RNA export 1 S.pombe homolog, RAE1 homolog, Rae1 protein homolog, RAE1 RNA export 1 homolog, RNA export 1, RNA export 1 homolog, Homolog of yeast Rae1 mRNA associated protein of 41 kDa. RAE1L_HUMAN Background: Mutations in Rae1 and Gle2(Saccharomyces cerevisae homolog) 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. 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. Depletion of Rae1 from extracts or cells severely inhibits mitotic spindle assembly. Alternatively spliced transcript variants encoding the same protein have been found for this gene.
Gene ID:	8480
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Handling

Expiry Date:	12 months

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