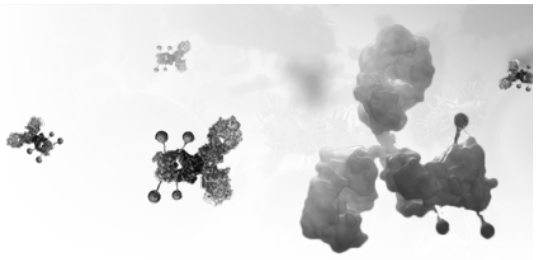

Human RAE1 blocking peptide (CDBP2464)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-RAE1 antibody
Antigen Description	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. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	RAE1 RAE1 RNA export 1 homolog (S. pombe) [Homo sapiens]
Official Symbol	RAE1

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Synonyms	RAE1; RAE1 RNA export 1 homolog (S. pombe); RAE1 (RNA export 1, S.pombe) homolog; mRNA export factor; Mnrp41; mRNA export protein; rae1 protein homolog; migration-inducing gene 14; mRNA-binding protein, 41-kD; mRNA-associated protein MRNP 41; homolog of yeast Rae1 (Bharathi) mRNA-associated protein of 41 kDa (Kraemer); MIG14; MRNP41; dJ481F12.3; dJ800J21.1; FLJ30608; MGC117333; MGC126076; MGC126077;
Entrez Gene ID	8480
mRNA Refseq	NM_001015885
Protein Refseq	NP_001015885
UniProt ID	P78406
Chromosome Location	20
Pathway	Antiviral mechanism by IFN-stimulated genes, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Disease, organism-specific biosystem; Export of Viral Ribonucleoproteins from Nucleus, organism-specific biosystem; Gene Expression, organism-specific biosystem; Glucose transport, organism-specific biosystem; HIV Infection, organism-specific biosystem;
Function	RNA binding; microtubule binding;

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