

Rabbit anti-Human RAE1 Polyclonal Antibody | anti-RAE1 antibody

RAE1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327488	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

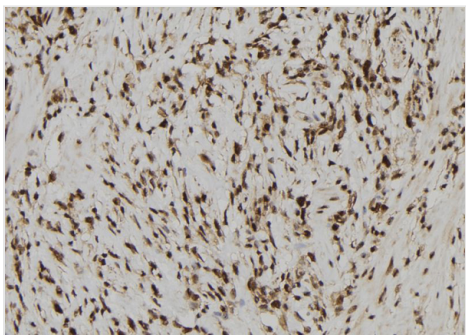
PRODUCT SYNONYMS

RAE1; Polyclonal Antibody; RAE1 Antibody; dJ481F12.3; dJ800J21.1; FLJ30608; Homolog of yeast Rae1 (Bharathi) mRNA associated protein of 41 kDa (Kraemer); Homolog of yeast Rae1 mRNA associated protein of 41 kDa; MGC117333; MGC126076; MGC126077; MIG 14; MIG14; Migration inducing gene 14; Mnrp 41; Mnrp41; mRNA associated protein mnrp 41; mRNA binding protein 41 kD; mRNA export factor; mRNA export protein; mRNA-associated protein mnrp 41; MRNP 41; MRNP41; RAE 1; RAE1 (RNA export 1 S.pombe) homolog; rae1; RAE1 homolog; Rae1 protein homolog; RAE1 RNA export 1 homolog (S. pombe); RAE1 RNA export 1 homolog; RAE1L_HUMAN; RNA export 1; RNA export 1 homolog; anti-RAE1 antibody

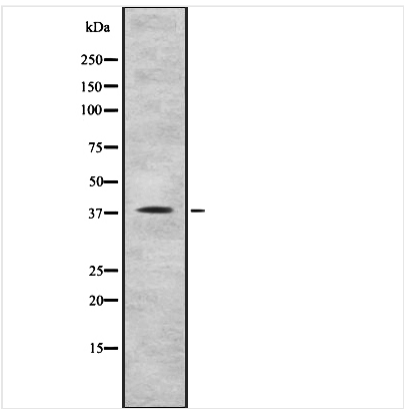
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	RAE1 antibody detects endogenous levels of total RAE1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	368
Applicable Applications for anti-RAE1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human RAE1
Subcellular Location	Cytoplasm. Nucleus.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327488 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of RAE1 using COLO205 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-RAE1 antibody	Function: Plays a role in mitotic bipolar spindle formation (PubMed:17172455). Binds mRNA. May function in nucleocytoplasmic transport and in directly or indirectly attaching cytoplasmic mRNPs to the cytoskeleton. Subunit Structure: Interacts with NUMA1 (via N-terminal end of the coiled-coil domain); this interaction promotes spindle formation in mitosis (PubMed:17172455). Interacts with NUP98 (PubMed:20498086). Interacts with MYCBP2 (PubMed:22357847). Similarity: Belongs to the WD repeat rae1 family.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	62739173
NCBI GeneID	8480
NCBI Accession #	NP_001015885.1
NCBI GenBank Nucleotide #	NM_001015885.1
UniProt Accession #	P78406; O15306; Q3SYL7; Q5TCH8; Q6V708; Q9H100; Q9NQM6; A8K882
Molecular Weight	Observed: 41 kDa Predicted: 41 kDa
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

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.