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Research Use Only. Not for diagnostic or therapeutic use.

EB06838 - Goat Anti-RAE1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: RAE1, RAE1 RNA export 1 homolog (S. pombe), HGNC:9828, FLJ30608, MIG14, MRNP41, Mnrp41, dJ481F12.3, dJ800J21.1, RAE1 (RNA export 1, S.pombe) homolog, homolog of yeast Rae1 (Bharathi) mRNA-associated protein of 41 kDa (Kraemer), mRNA export protein, mRNA-associated protein MRNP 41, mRNA-binding protein, 41-kD, migration-inducing gene 14, RP4-800J21.2, MGC117333, MGC126076, MGC126077, OTTHUMP00000166110 Official Symbol: RAE1 Accession Number(s): NP_003601.1; NP_001015885.1 Human GenelD(s): <u>8480</u> Important Comments: NP_003601and NP_001015885 represent identical proteins.

Immunogen

Peptide with sequence C-NAAEELKPRNKK, from the C Terminus of the protein sequence according to NP_003601.1; NP_001015885.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

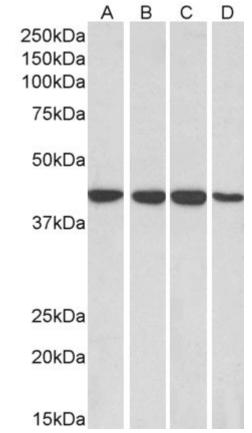
Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 40kDa band observed in lysates cell lines HepG2, HeLa, Jurkat and MCF7 (calculated MW of 41.0kDa according to NP_003601.1). Recommended concentration: 0.1-0.3µg/ml.

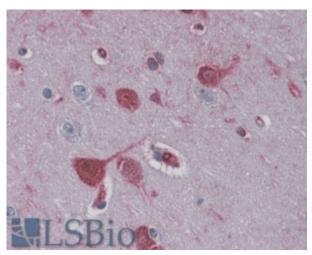
IHC: In paraffin embedded Human Brain Cortex shows staining of neuronal cell bodies. Recommended concentration: 3-6µg/ml. Paraffin embedded Human Heart. Recommended concentration: 3.75µg/ml.

Species Reactivity

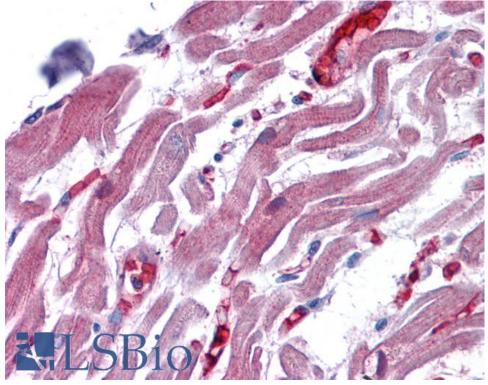
Tested: Human Expected from sequence similarity: Human, Mouse, Rat, Pig, Dog, Cow



EB06838 (0.1µg/ml) staining of HepG2 (A), HeLa (B), Jurkat (C) and MCF7 (D) lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB06838 (3.8µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB06838 (3.75µg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.