

RAE1 RABBIT PAB

Cat.#: S217735

Product Name: Anti-RAE1 Rabbit Polyclonal Antibody

Synonyms: Gle2; MIG14; MRNP41; Mnrp41; dJ481F12.3; dJ800J21.1

UNIPROT ID: P78406 (Gene Accession - BC106923)

Background: Mutations in the *Schizosaccharomyces pombe* Rael 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 Rael. 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.

Immunogen: Fusion protein of human RAE1

Applications: ELISA, IHC

Recommended Dilutions: IHC: 200-400; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

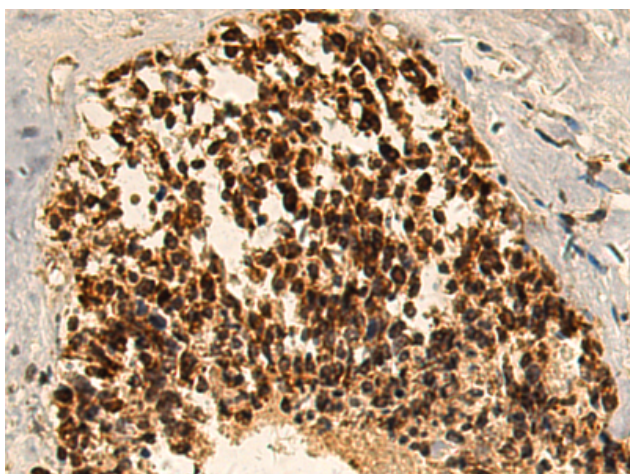
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

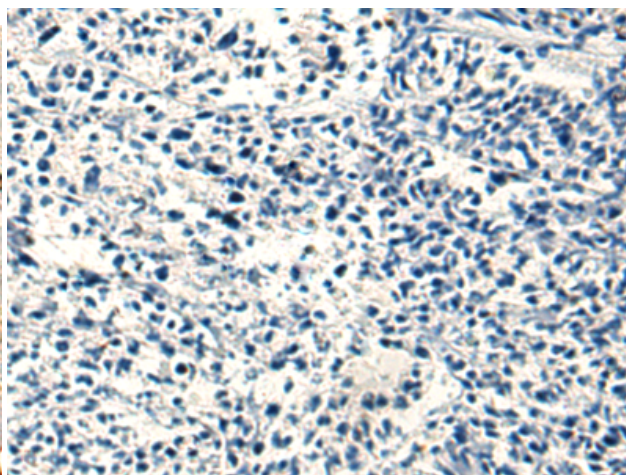
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Epigenetics and Nuclear Signaling, Cancer

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human ovarian cancer tissue using 217735(RAE1 Antibody) at a dilution of 1/220(Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with the fusion protein and then with 217735(Anti-RAE1 Antibody) at dilution 1/220.



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
