RERG Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12173a

Specification

RERG Antibody (N-term) Blocking peptide - Product Information

Primary Accession   Q96A58

RERG Antibody (N-term) Blocking peptide - Additional Information

Gene ID 85004

Other Names
Ras-related and estrogen-regulated growth inhibitor, RERG

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RERG Antibody (N-term) Blocking peptide - Protein Information

Name RERG

Function
Binds GDP/GTP and possesses intrinsic GTPase activity. Has higher affinity for GDP than for GTP. In cell lines overexpression leads to a reduction in the rate of proliferation, colony formation and in tumorigenic potential.
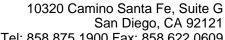
Cellular Location
Cytoplasm.

RERG Antibody (N-term) Blocking peptide - Background

RERG, a member of the RAS superfamily of GTPases, inhibitscell proliferation and tumor formation (Finlin et al., 2001 [PubMed11533059]).

RERG Antibody (N-term) Blocking peptide - References

Lamesch, P., et al. Genomics 89(3):307-315(2007)Finlin, B.S., et al. J. Biol. Chem. 276(45):42259-42267(2001)

Tissue Location
Detected in heart, brain, placenta, lung, liver, skin, kidney and pancreas. Detected in estrogen receptor-positive breast-derived cell lines, but not in estrogen receptor-negative cell lines. Expression is decreased or lost in a significant proportion of primary breast tumors with poor clinical prognosis

RERG Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides