10320 Camino Santa Fe, Suite G
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RERE Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP9954a

Specification

RERE Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q9P2R6

RERE Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 473

Other Names
Arginine-glutamic acid dipeptide repeats protein, Atrophin-1-like protein, Atrophin-1-related protein, RERE, ARG, ARP, ATN1L, KIAA0458

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.

RERE Antibody (N-term) Blocking Peptide - Protein Information

Name RERE

Synonyms ARG, ARP, ATN1L, KIAA0458

Function
Plays a role as a transcriptional repressor during development. May play a role in the control of cell survival. Overexpression of RERE recruits BAX to the nucleus particularly to POD and triggers caspase-3 activation, leading to cell death.

Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00512, ECO:0000255|PROSITE-ProRule:PRU00624, ECO:0000269|PubMed:10814707, ECO:0000269|PubMed:11331249}. Note=Localized in nuclear bodies of variables size. Colocalized with PML and BAX in nuclear PODs

Tissue Location
Widely expressed. Expressed in tumor cell lines.

RERE Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

RERE Antibody (N-term) Blocking Peptide - Images

RERE Antibody (N-term) Blocking Peptide - Background

RERE encodes a member of the atrophin family of arginine-glutamic acid (RE) dipeptide repeat-containing proteins. The encoded protein co-localizes with a transcription factor in the nucleus, and its overexpression triggers apoptosis. A similar protein in mouse associates with histone deacetylase and is thought to function as a transcriptional co-repressor during embryonic development.

RERE Antibody (N-term) Blocking Peptide - References

Zhang, H., et al. Osteoporos Int 20(2):341-346(2009)Olsen, J.V., et al. Cell 127(3):635-648(2006)