

RERE Rabbit pAb

Catalog # AP97566

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9P2R6
Other Accession	Q9P2R6
Host	Rabbit
Clonality	Polyclonal
Calculated MW	172424
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RERE
Epitope Specificity	521-620/1566
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 BAH domain. Contains 1 ELM2 domain. Contains 1 GATA-type zinc finger. Contains 1 SANT domain.
SUBUNIT	Interacts with HDAC1 (By similarity). Interacts with ATN1. Interaction with ATN1 is improved when the poly-Gln region of ATN1 is extended. Interacts with FAT1.
DISEASE	Note=A chromosomal aberration involving RERE is found in the neuroblastoma cell line NGP. Translocation t(1;15)(p36.2;q24).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	FunctionPlays 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.

Additional Information

Gene ID	473
Other Names	ARG; ARP; ATN1L; DNB1; NEDBEH; RERE_HUMAN; RERE; Atrophin-1-like protein; Atrophin-1-related protein; KIAA0458; arginine-glutamic acid dipeptide repeats; arginine-glutamic acid dipeptide (RE) repeats; atrophin 2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.