10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RERE Rabbit pAb

Catalog # AP97566

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9P2R6
Other Accession	Q9P2R6
Reactivity	Human, Mouse
Predicted	Rat, Chicken, Dog, Horse
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'.