



Rabbit Anti-RERE antibody

SL7077R

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| Product Name: | RERE |
| Chinese Name: | 肌萎缩相关蛋白1抗体 |
| Alias: | ARG; arginine glutamic acid dipeptide (RE) repeats; arginine glutamic acid dipeptide repeats; Arginine glutamic acid dipeptide repeats protein; Arginine-glutamic acid dipeptide repeats protein; ARGININE-GLUTAMIC ACID REPEATS-ENCODING GENE; ARP; ATN1L; Atr2; atrophin 1 like; Atrophin 1 like protein; Atrophin 1 related protein; atrophin 2; atrophin related protein; ATROPHIN-1-ASSOCIATED PROTEIN; Atrophin-1-like protein; Atrophin-1-related protein; atrophin-2; ATROPHIN-RELATED PROTEIN; DNB1; Rere; RERE HUMAN. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Mouse,Rat,Chicken,Dog,Cow,Horse, |
| Applications: | WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight: | 172kDa |
| Cellular localization: | The nucleus |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from human RERE:521/620/1566 |
| Lsotype: | IgG |
| Purification: | affinity purified by Protein A |
| Storage Buffer: | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage: | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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. |
| PubMed: | PubMed |
| Product Detail: | 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.

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.

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.

Subcellular Location:

Nucleus. Note=Localized in nuclear bodies of variables size. Colocalized with PML and BAX in nuclear PODs.

Tissue Specificity:

Widely expressed. Expressed in tumor cell lines.

DISEASE:

Note=A chromosomal aberration involving RERE is found in the neuroblastoma cell line NGP. Translocation t(1;15)(p36.2;q24).

Similarity:

Contains 1 BAH domain.
Contains 1 ELM2 domain.
Contains 1 GATA-type zinc finger.
Contains 1 SANT domain.

SWISS:

Q9P2R6

Gene ID:

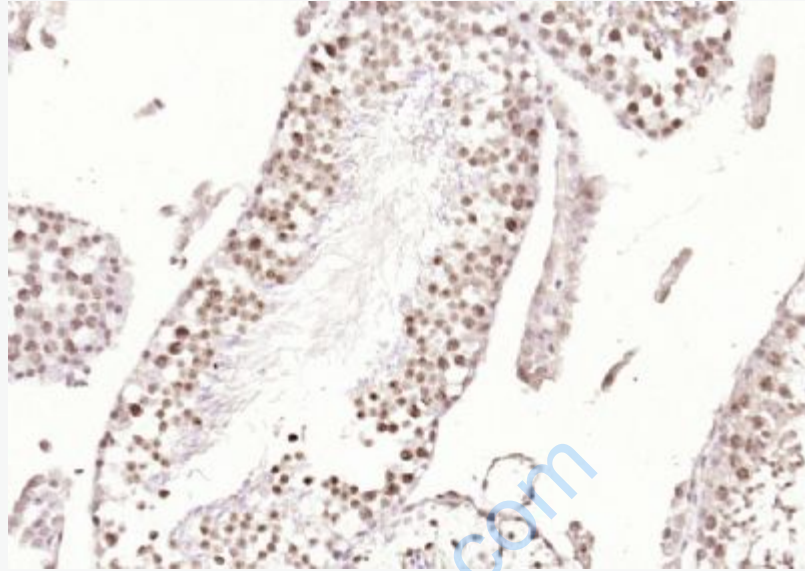
473

Database links:

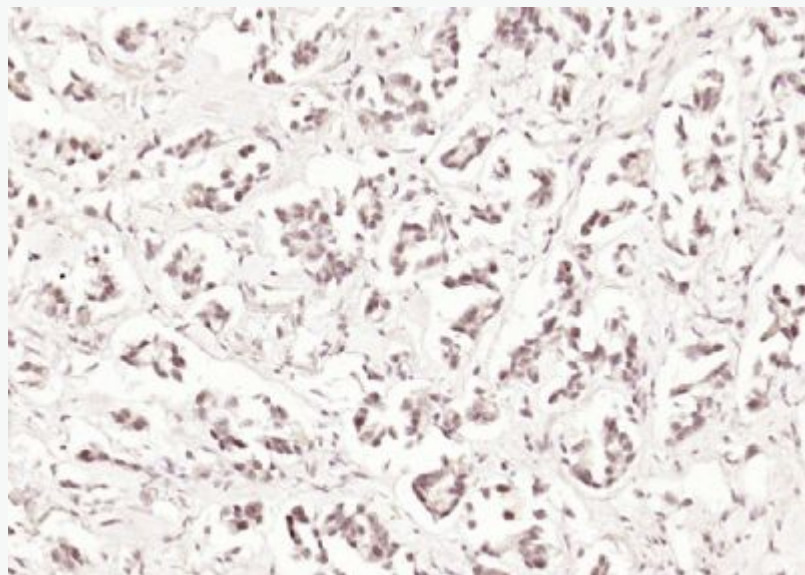
UniProtKB/Swiss-Prot: Q9P2R6.2

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Paraformaldehyde-fixed, paraffin embedded (mouse testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (RERE) Polyclonal Antibody, Unconjugated (SL7077R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Picture:

Paraformaldehyde-fixed, paraffin embedded (human gastric carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (RERE) Polyclonal Antibody, Unconjugated (SL7077R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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