

CDK12 Rabbit mAb

Catalog No.: A22474 **Recombinant**

Basic Information

Observed MW

Refer to figures

Calculated MW

164kDa

Category

Primary antibody

Applications

ELISA, IHC-P

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC53277

Background

Enables RNA polymerase II CTD heptapeptide repeat kinase activity and cyclin binding activity. Involved in phosphorylation of RNA polymerase II C-terminal domain; protein autophosphorylation; and regulation of MAP kinase activity. Located in nuclear speck. Part of cyclin K-CDK12 complex.

Recommended Dilutions

IHC-P 1:100 - 1:500

Immunogen Information

Gene ID

51755

Swiss Prot

Q9NYV4

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 420-516 of human CDK12 (NP_057591.2).

Synonyms

CRK7; CRKR; CRKRS; CDK12

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

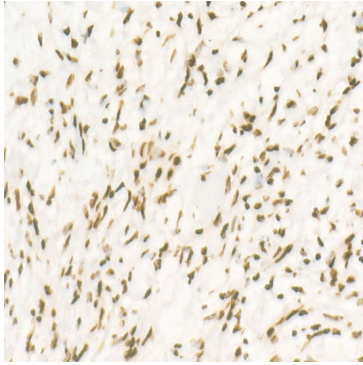
Affinity purification

Storage

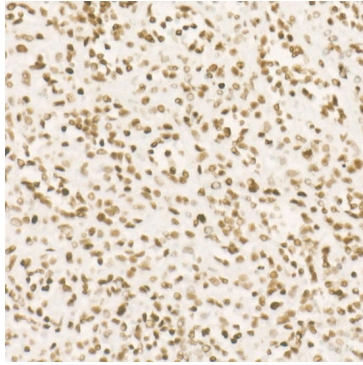
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

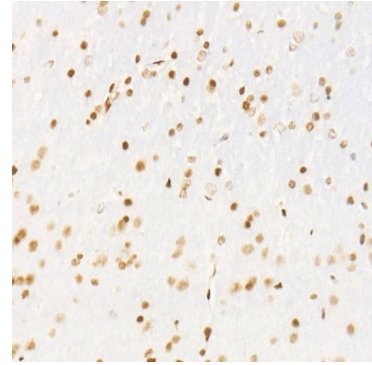
Validation Data



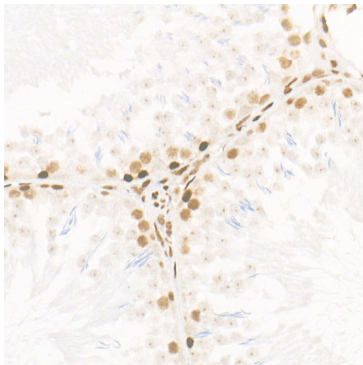
Immunohistochemistry analysis of paraffin-embedded Human heart using CDK12 Rabbit mAb (A22474) at dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human spleen using CDK12 Rabbit mAb (A22474) at dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using CDK12 Rabbit mAb (A22474) at dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat testis using CDK12 Rabbit mAb (A22474) at dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.