

Rabbit anti-Human CDK12 Monoclonal Antibody | anti-CDK12 antibody

CDK12 Rabbit mAb

CATALOG # AAA282970	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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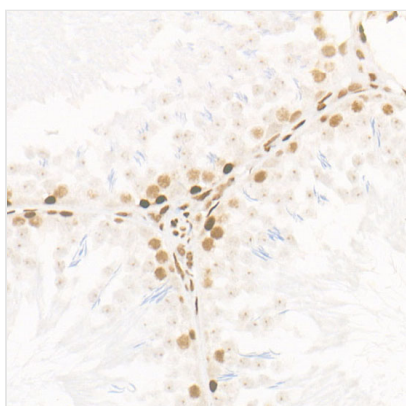
PRODUCT SYNONYMS

CDK12; Monoclonal Antibody; CDK12 Rabbit mAb; CRK7; CRKR; CRKRS; anti-CDK12 antibody

PRODUCT SPECIFICATIONS

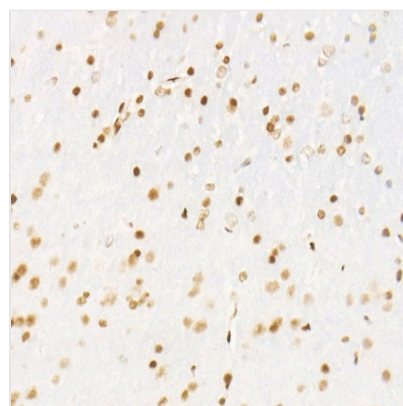
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	SKGSPVFLPR KENSSVEAKD SGLESKKLPR SVKLEKSAPD TELVNVTHLN TEVKNSSDTG KVKLDENSEK HLVKDLKAQG TRDSKPIALK EEIVTPK
Applicable Applications for anti-CDK12 antibody	ELISA, IHC (Immunohistochemistry)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 420-516 of human CDK12 (NP_057591.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



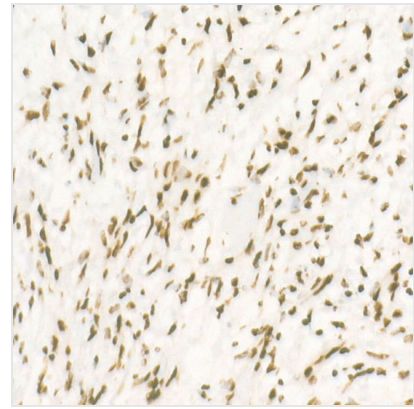
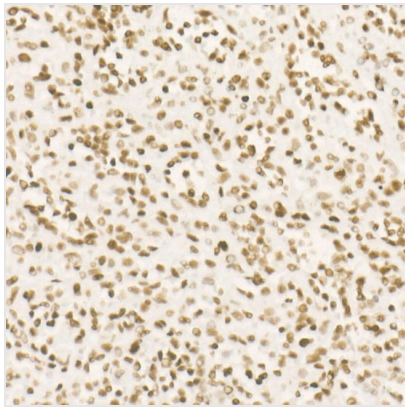
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat testis using CDK12 Rabbit mAb (AAA282970) at dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemisry)

Immunohistochemistry analysis of paraffin-embedded Mouse brain using CDK12 Rabbit mAb (AAA282970) at dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human spleen using CDK12 Rabbit mAb (AAA282970) at dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human heart using CDK12 Rabbit mAb (AAA282970) at dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-CDK12 antibody	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.
Product Categories/Family for anti-CDK12 antibody	Cancer ; Signal Transduction ; Kinase ; Tyrosine kinases ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	157817023
NCBI GeneID	51755
NCBI Accession #	NP_057591.2
NCBI GenBank Nucleotide #	NM_016507.3
UniProt Accession #	Q9NYV4 ; O94978 ; A7E2B2 ; B4DYX4 ; B9EIQ6
Molecular Weight	Calculated MW: 164kDa
UniProt Protein Name	Cyclin-dependent kinase 12
UniProt Gene Name	CDK12
UniProt Synonym Gene Names	CRK7; CRKRS; KIAA0904; CrkRS; CDC2-related protein kinase 7; hCDK12
UniProt Entry Name	CDK12_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cdk12-antibody-immunohistochemistry-elisa/282970>