

Rabbit CDK20 Polyclonal Antibody | anti-CDK20 antibody

Phospho-CDK20 (Thr161) Antibody

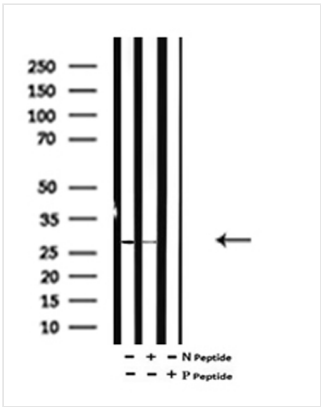
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328237	Rabbit	Human, Mouse, RatPredicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CDK20; Polyclonal Antibody; Phospho-CDK20 (Thr161) Antibody; CAK kinase p42; CAK-kinase p42; CCRK; CDCH; CDK activating kinase p42; CDK-activating kinase p42; cdk20; CDK20_HUMAN; Cell cycle related kinase; Cell cycle-related kinase; Cell division protein kinase 20; Cyclin dependent protein kinase H; Cyclin kinase activating kinase p42; Cyclin-dependent kinase 20; Cyclin-dependent protein kinase H; Cyclin-kinase-activating kinase p42; p42; PNQALRE; anti-CDK20 antibody

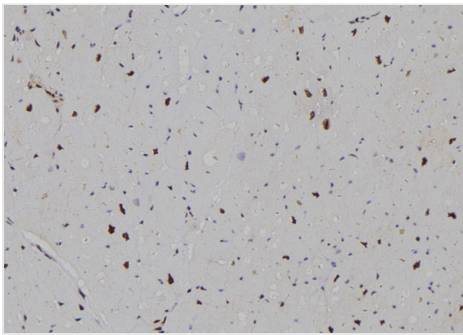
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-CDK20(Thr161) Antibody detects endogenous levels of CDK20 only when phosphorylated at Thr161.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	346
Applicable Applications for anti-CDK20 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CDK20 around the phosphorylation site of Thr161.
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



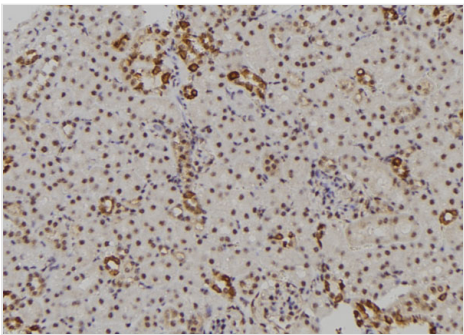
WB (Western Blot)

Western blot analysis of Phospho-CDK20(Thr161) in lysates of RAW264.7, using Phospho-CDK20(Thr161) Antibody.



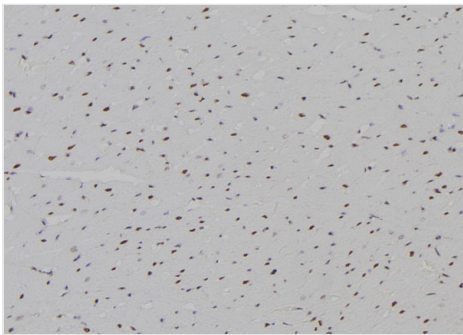
IHC (Immunohistochemistry)

At 1/100 staining human heart tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining mouse kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining rat heart tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-CDK20 antibody	Description: Required for high-level Shh responses in the developing neural tube. Together with TBC1D32, controls the structure of the primary cilium by coordinating assembly of the ciliary membrane and axoneme, allowing GLI2 to be properly activated in response to SHH signaling (By similarity). Involved in cell growth. Activates CDK2, a kinase involved in the control of the cell cycle, by phosphorylating residue 'Thr-160'.
	Subunit Structure: Monomer. Interacts with TBC1D32 (By similarity). Interacts with MAK.
	Similarity: Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	89903018
NCBI GeneID	23552
NCBI Accession #	NP_001034892.1
NCBI GenBank Nucleotide #	NP_001034892.1
UniProt Accession #	Q8IZL9
Molecular Weight	Observed: 31 kDa Predicted: 39 kDa
NCBI Official Full Name	cyclin-dependent kinase 20 isoform 3

NCBI Official Synonym Full Names	cyclin dependent kinase 20
NCBI Official Symbol	CDK20
NCBI Official Synonym Symbols	P42; CCRK; CDCH; PNQALRE
NCBI Protein Information	cyclin-dependent kinase 20
UniProt Protein Name	Cyclin-dependent kinase 20
UniProt Gene Name	CDK20
UniProt Synonym Gene Names	CCRK; CDCH; CAK-kinase p42
UniProt Entry Name	CDK20_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/cdk20-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328237>