

## Anti-CDK7 antibody (1-346) (STJ23066)

STJ23066

### GENERAL INFORMATION

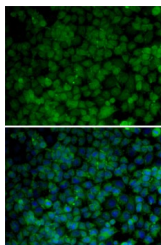
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse

### PRODUCT PROPERTIES

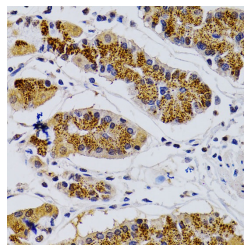
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution</b>	WB:1:500-1:2000
<b>Range</b>	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

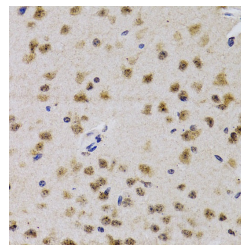
<b>Gene ID</b>	1022
<b>Gene Symbol</b>	CDK7
<b>Uniprot ID</b>	CDK7_HUMAN
<b>Immunogen</b>	
<b>Region</b>	1-346
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-346 of human CDK7 (NP_001790.1).
<b>Immunogen Sequence</b>	MALDVKSRAKRYEKLDLGE GQFATVYKARDKNTNQIVAI KKIKLGHRSKADGINRTAL REIKLLQELSHPNIIIGLLDA FGHKSNSILVDFMETDLEV IIKDNSLVLTSPSHIKAYMLM TLQGLEYLHQHWILHRDLKP NNLLLDENGVLKADFGGLAK SFGSPNRAYTHQVTRWYRA PELLFGARMYGVGDMDWAVG CILAEALLRVPLPGDSOLD QLTRIFETLGTPTTEEQWPD



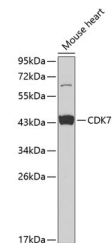
Immunofluorescence analysis of HeLa cells using CDK7 Rabbit polyclonal antibody (STJ23066). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of CDK7 in paraffin-embedded human stomach using CDK7 Rabbit polyclonal antibody (STJ23066) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of CDK7 in paraffin-embedded mouse brain using CDK7 Rabbit polyclonal antibody (STJ23066) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from mouse heart, using CDK7 Rabbit polyclonal antibody (STJ23066) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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