

Product datasheet for **TA351065**

CDC7 Rabbit Polyclonal Antibody

Product data:

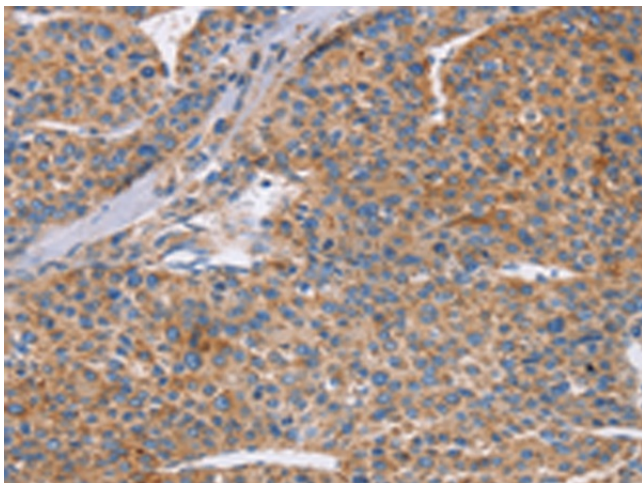
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 100-300 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human CDC7
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	cell division cycle 7
Database Link:	NP_003494 Entrez Gene 12545 Mouse Entrez Gene 8317 Human O00311
Background:	This gene encodes a cell division cycle protein with kinase activity that is critical for the G1/S transition. The yeast homolog is also essential for initiation of DNA replication as cell division occurs. Overexpression of this gene product may be associated with neoplastic transformation for some tumors. Multiple alternatively spliced transcript variants that encode the same protein have been detected.
Synonyms:	CDC7L1; HsCDC7; Hsk1; huCDC7
Protein Families:	Druggable Genome, Protein Kinase, Stem cell - Pluripotency



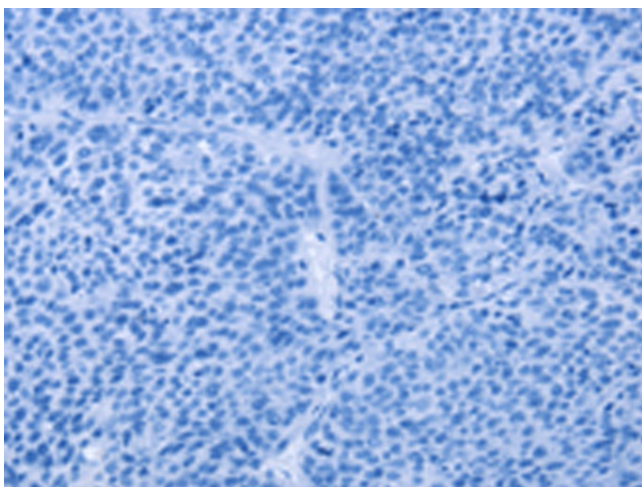
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Protein Pathways: Cell cycle

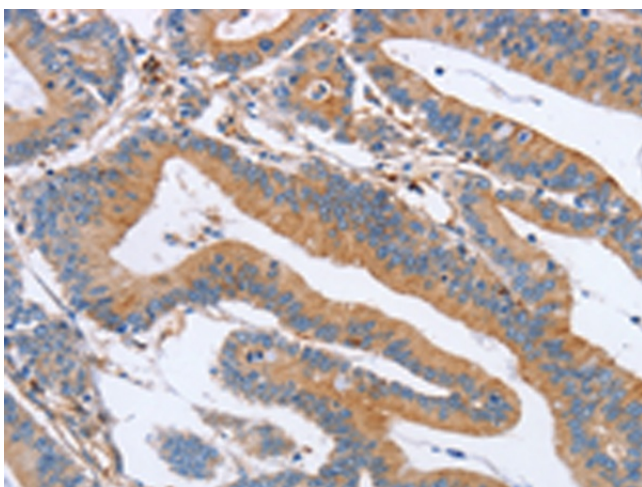
Product images:



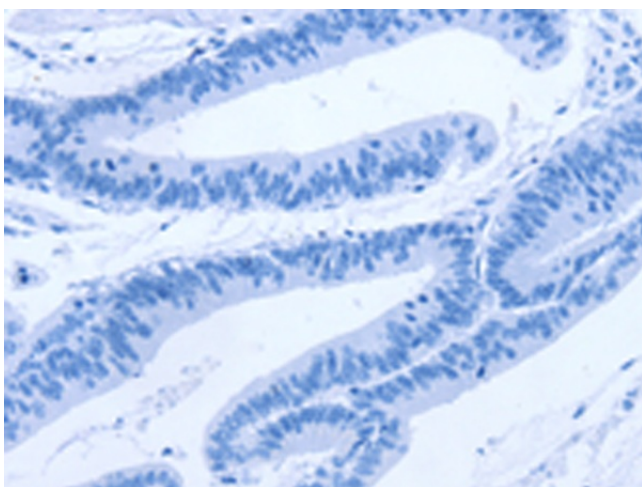
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA351065 (CDC7 Antibody) at dilution 1/70 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA351065 (CDC7 Antibody) at dilution 1/70, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA351065 (CDC7 Antibody) at dilution 1/70 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA351065 (CDC7 Antibody) at dilution 1/70, treated with synthetic peptide. (Original magnification: $\times 200$)