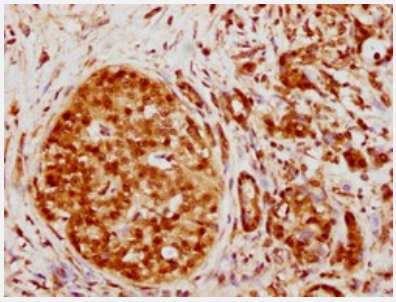
RecomAb™

HNRNPK recombinant monoclonal antibody, clone 3G7

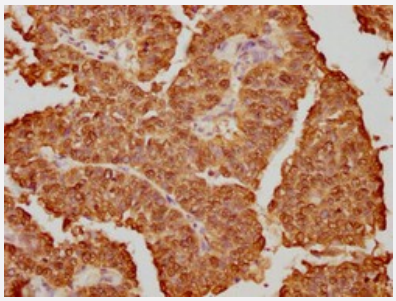
Catalog # RAB04328 Size 100 uL

Applications



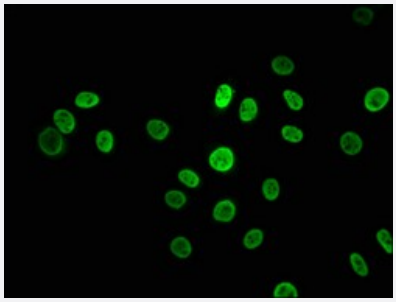
Immunohistochemistry

Immunohistochemical staining of human pancreatic cancer with HNRNPK recombinant monoclonal antibody, clone 3G7 (Cat # RAB04328) (diluated at 1:130.5).



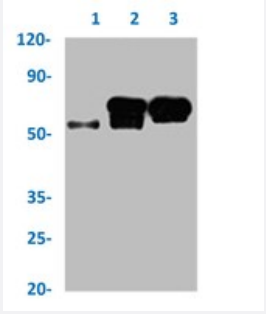
Immunohistochemistry

Immunohistochemical staining of human cervical cancer with HNRNPK recombinant monoclonal antibody, clone 3G7 (Cat # RAB04328) (diluated at 1:130.5).



Immunofluorescence

Immunofluorescent staining of A549 cells with HNRNPK recombinant monoclonal antibody, clone 3G7 (Cat # RAB04328) (diluated at 1:43.5). The secondary antibody was Alexa Fluor 488-congugated goat anti-rabbit IgG (green). Counter-stain DAPI was used (blue).



Immunoprecipitation

Immunoprecipitation analysis of HepG2 cell lysate with HNRNPK recombinant monoclonal antibody, clone 3G7 (Cat # RAB04328).
Lane 1: rabbit control IgG, Lane 2: RAB04328 precipitates and Lane 3: Input (HepG2 whole cell lysate).

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Western Blot

Western blot analysis of Lane 1: Hela whole cell lysate, Lane 2: MCF-7 whole cell lysate, Lane 3: HepG2 whole cell lysate, Lane 4: 293T whole cell lysate, Lane 5: 293 whole cell lysate, Lane 6: U87 whole cell lysate and Lane 7: SH-SY5Y whole cell lysate with HNRNPK recombinant monoclonal antibody, clone 3G7 (Cat # RAB04328).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human HNRNPK.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human HNRNPK.
Theoretical MW (kDa)	Calculated MW: 51, 5
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Immunofluorescence (1:20-1:200) Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:200-1:1000) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Applications

- Immunohistochemistry

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- Immunohistochemistry

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- Immunofluorescence

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- Enzyme-linked Immunoabsorbent Assay

- Immunoprecipitation

  Immunoprecipitation analysis of HepG2 cell lysate with HNRNPK recombinant monoclonal antibody, clone 3G7 (Cat # RAB04328).
  Lane 1: rabbit control IgG, Lane 2: RAB04328 precipitates and Lane 3: Input (HepG2 whole cell lysate).

- Western Blot

  Western blot analysis of Lane 1: Hela whole cell lysate, Lane 2: MCF-7 whole cell lysate, Lane 3: HepG2 whole cell lysate, Lane 4: 293T whole cell lysate, Lane 5: 293 whole cell lysate, Lane 6: U87 whole cell lysate and Lane 7: SH-SY5Y whole cell lysate with HNRNPK recombinant monoclonal antibody, clone 3G7 (Cat # RAB04328).

Gene Info — HNRNPK

Entrez GeneID	3190
Protein Accession#	P61978
Gene Name	HNRNPK
Gene Alias	CSBP, FLJ41122, HNRPK, TUNP
Gene Description	heterogeneous nuclear ribonucleoprotein K
Omim ID	600712
Gene Ontology	Hyperlink

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Gene Summary	This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene is located in the nucleoplasm and has three repeats of KH domains that binds to RNAs. It is distinct among other hnRNP proteins in its binding preference; it binds tenaciously to poly(C). This protein is also thought to have a role during cell cycle progession. Several alternatively spliced transcript variants have been described for this gene, however, not all of them are fully characterized. [provided by RefSeq
Other Designations	OTTHUMP00000021554|OTTHUMP00000021557|OTTHUMP00000021558|dC-stretch binding protein|transformation upregulated nuclear protein

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