

HNRNPK recombinant antibody

HNRNPK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA235557	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

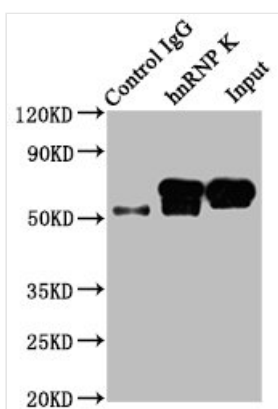
PRODUCT SYNONYMS

HNRNPK; Monoclonal Recombinant Antibody; HNRNPK Antibody; Heterogeneous nuclear ribonucleoprotein K; hnRNP K; Transformation up-regulated nuclear protein; TUNP; HNRPK; HNRNPK recombinant antibody

PRODUCT SPECIFICATIONS

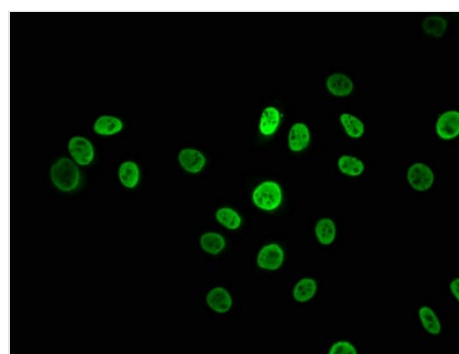
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity-Chromatography
Form/Format	Liquid; In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	439
Applicable Applications for HNRNPK recombinant antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from human HNRNPK
Conjugate	Non-Conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



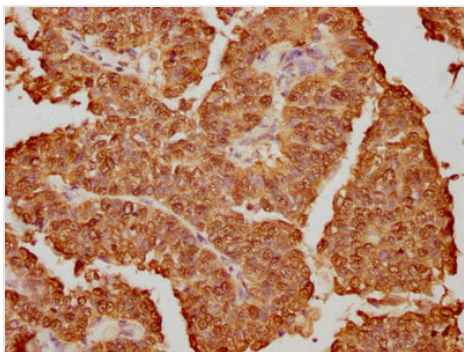
IP (Immunoprecipitation)

Immunoprecipitating HNRNPK in HepG2 whole cell lysate. Lane 1: Rabbit control IgG instead of CSB-RA010611A0HU in HepG2 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000). Lane 2: CSB-RA010611A0HU (3ug) + HepG2 whole cell lysate (500ug). Lane 3: HepG2 whole cell lysate (20ug).



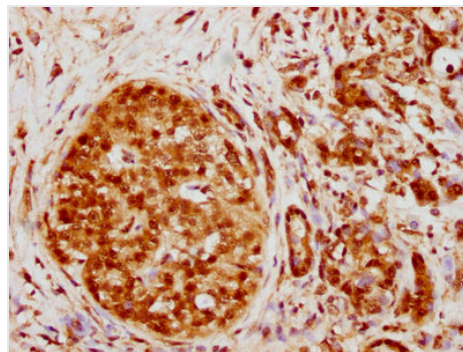
IF (Immunofluorescence)

Immunofluorescence staining of A549 cells with CSB-RA010611A0HU at 1:43.5, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



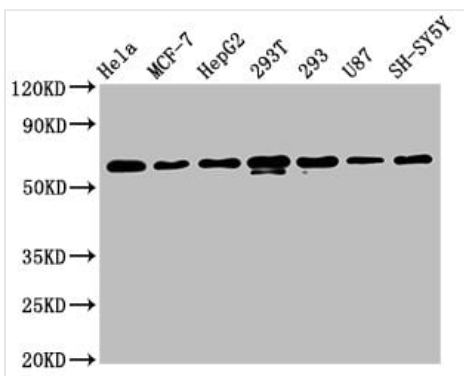
IHC (Immunohistochemistry)

IHC image of CSB-RA010611A0HU diluted at 1:130.5 and staining in paraffin-embedded human cervical cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of CSB-RA010611A0HU diluted at 1:130.5 and staining in paraffin-embedded human pancreatic cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: HeLa whole cell lysate, MCF-7 whole cell lysate, HepG2 whole cell lysate, 293T whole cell lysate, 293 whole cell lysate, U87 whole cell lysate, SH-SY5Y whole cell lysateAll lanes: HNRNPK antibody at 1.3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 51, 52, 49 KDaObserved band size: 60 KDa

ADDITIONAL INFORMATION

Related Product Information for HNRNPK recombinant antibody

One of the major pre-mRNA-binding proteins. Binds tenaciously to poly(C) sequences. Likely to play a role in the nuclear metabolism of hnRNAs, particularly for pre-mRNAs that contain cytidine-rich sequences. Can also bind poly(C) single-stranded DNA. Plays an important role in p53/TP53 response to DNA damage, acting at the level of both transcription activation and repression. When sumoylated, acts as a transcriptional coactivator of p53/TP53, playing a role in p21/CDKN1A and 14-3-3 sigma/SFN induction (By similarity). As far as transcription repression is concerned, acts by interacting with long intergenic RNA p21 (lincRNA-p21), a non-coding RNA induced by p53/TP53. This interaction is necessary for the induction of apoptosis, but not cell cycle arrest.

Product Categories/Family for HNRNPK recombinant antibody

[Recombinant Antibody](#); [Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	970598247
NCBI GeneID	3190
NCBI Accession #	NP_001305115.1
NCBI GenBank Nucleotide #	NM_001318186.1
UniProt Accession #	P61978 ; Q07244 ; Q15671 ; Q59F98 ; Q5T6W4 ; Q60577 ; Q6IBN1 ; Q922Y7 ; Q96J62
Molecular Weight	51,028 Da

NCBI Official Full Name	heterogeneous nuclear ribonucleoprotein K isoform c
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein K
NCBI Official Symbol	HNRNPK
NCBI Official Synonym Symbols	AUKS; CSBP; TUNP; HNRPK
NCBI Protein Information	heterogeneous nuclear ribonucleoprotein K
UniProt Protein Name	Heterogeneous nuclear ribonucleoprotein K
UniProt Gene Name	HNRNPK
UniProt Synonym Gene Names	HNRPK; hnRNP K; TUNP

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://stage.aaabiotech.com/monoclonal/hnrnpk-recombinant-antibody-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/235557>