

Rabbit HNRPK Polyclonal Antibody | anti-HNRNPk antibody

HNRPK antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198645	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

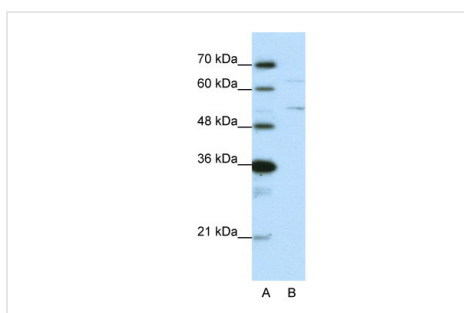
PRODUCT SYNONYMS

HNRPK; Polyclonal Antibody; HNRPK antibody - N-terminal region; anti-HNRNPk antibody

PRODUCT SPECIFICATIONS

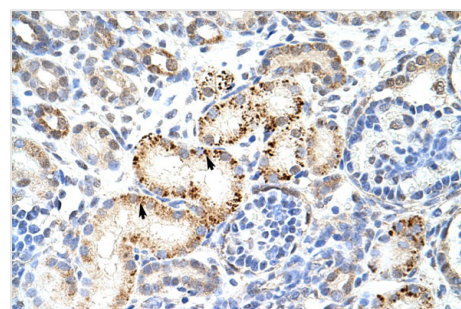
Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: NT ETNGEFGKRP AEDMEEQAF KRSRNTDEMVELRILLQSKN AGAVIGKG
Sequence Length	463
Applicable Applications for anti-HNRNPk antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human HNRPK
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-HNRPK Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: HepG2 cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-HNRPK Antibody
Paraffin Embedded Tissue: Human Kidney
Cellular Data: Epithelial cells of renal tubule
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-HNRNPK antibody	This is a rabbit polyclonal antibody against HNRPK. It was validated on Western Blot and immunohistochemistry Target Description: HNRPK 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). The hnRNP proteins have distinct nucleic acid binding properties. HNRPK 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 progression. Multiple alternatively spliced transcript variants have been described for this gene but only three variants have been fully described.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 progression. Multiple alternatively spliced transcript variants have been described for this gene but only three variants have been fully described.
Product Categories/Family for anti-HNRNPK antibody	Polyclonal ; RNA Binding Proteins ; Transcription Regulation ; Chromatin & Nuclear Signaling ; E3 & Ubiquitin ; DNA/RNA/Protein Interactions ; Meiosis/Mitosis/Cell Cycle ; Immunohistochemistry ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	14165435
NCBI GeneID	3190
NCBI Accession #	NP_112552
NCBI GenBank Nucleotide #	NM_031262
UniProt Accession #	P61978
Molecular Weight	51kDa
NCBI Official Full Name	heterogeneous nuclear ribonucleoprotein K isoform b
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
UniProt Entry Name	HNRPK_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.