

## Product datasheet for **AP12520PU-N**

### hnRNP K (HNRNPK) (N-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1,000. Western Blot: 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human HNRPK.
Specificity:	This antibody detects HNRPK (N-term).
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	heterogeneous nuclear ribonucleoprotein K
Database Link:	<a href="#">Entrez Gene 3190 Human P61978</a>



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**Background:**

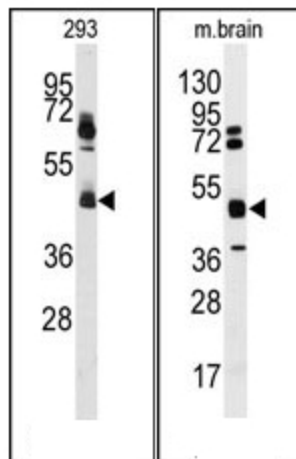
HNRPK belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing 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. HNRPK is located in the nucleoplasm and has three repeats of KH domains that binds to RNAs. The protein 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.

**Synonyms:**

HNRPK, Heterogeneous nuclear ribonucleoprotein K, TUNP

**Note:**

**Molecular weight:** 42593 Da

**Product images:**


(LEFT) Western blot analysis of anti-HNRPK Antibody (N-term) in 293 cell line lysates (35ug/lane). HNRPK (arrow) was detected using the purified Pab. (RIGHT) Western blot analysis of anti-HNRPK Antibody (N-term) in mouse brain tissue lysates (35ug/lane). HNRPK (arrow) was detected using the purified Pab.