

# Product Data Sheet

## Purified anti-hnRNPK

**Catalog # / Size:** 634601 / 25 µg  
 634602 / 100 µg

**Clone:** F45P9C7

**Isotype:** Mouse IgG1, κ

**Immunogen:** Ovalbumin-conjugated synthetic Peptide SVKQYSGKFF

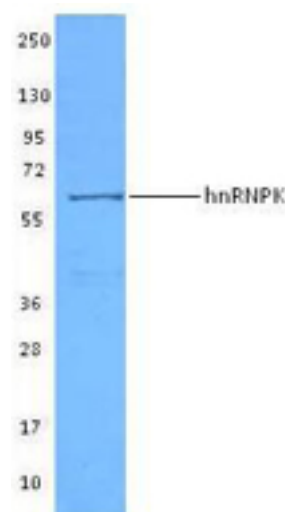
**Reactivity:** Human, Mouse, Rat, Rabbit, Chicken

**Preparation:** The antibody was purified by affinity chromatography.

**Formulation:** This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide at 0.5 mg/ml.

**Concentration:** 0.5 mg/ml

**Storage:** The antibody solution should be stored undiluted at 4°C.



HeLa cell extracts were resolved by electrophoresis, transferred to nitrocellulose, and probed with anti-hnRNPK antibody (clone F45P9C7). Proteins were visualized using a goat anti-mouse-IgG secondary conjugated to HRP and chemiluminescence detection.

## Applications:

**Applications:** WB-*Quality tested*

**Recommended Usage:** Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 5 µg antibody per 5 ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application.

**Description:** hnRNP K (Heterogeneous nuclear ribonucleoprotein K) is a pre-mRNA binding protein and a component of hnRNP complexes providing substrate for pre-mRNA processing before becoming translatable mRNAs in cytoplasm. This protein containing KH domains and is ubiquitously expressed in the cytoplasm and the nucleus with a predicted molecular weight approximately 51 kD. hnRNP K expression and function are increased by epidermal growth factor (EGF). hnRNP K acts as transcriptional regulator and functions in nucleocytoplasmic shuttling, and is modified by phosphorylation (PKC δ, c-Src) and acetylation. Clone F45P9C7 has been shown to be useful for western blotting and immunohistochemistry of human, mouse, rat, rabbit and chicken hnRNP K.

**Antigen References:** 1. Matunis MJ, *et al.* 1992. *Mol. Cell. Biol.* 12:164.  
 2. Dejgaard K, *et al.* 1994. *J. Mol. Biol.* 236:33.  
 3. Mandal M, *et al.* 2001. *J. Biol. Chem.* 276:9699

### Related Products:

**Product**  
 AKP Goat anti-mouse IgG (minimal x-reactivity)  
 Biotin Goat anti-mouse IgG (minimal x-reactivity)  
 HRP Goat anti-mouse IgG (minimal x-reactivity)  
 Purified Mouse IgG1, κ Isotype Ctrl

**Clone**  
 Poly4053  
 Poly4053  
 Poly4053  
 MG1-45

**Application**  
 ELISA, WB, IHC  
 FC, ELISA, IHC, IF, WB  
 ELISA, IHC, WB  
 FC, ICC, ICFC, IF, IHC, IP, WB



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