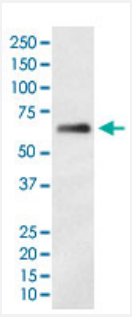
# HNRNPK monoclonal antibody, clone FOE-8

Catalog # MAB20175 Size 100 uL

## Applications




### Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of Jurkat cell lysate.

## Specification

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| **Product Description** | Rabbit monoclonal antibody raised against synthetic peptide of human HNRNPK. |
| **Immunogen** | A synthetic peptide corresponding to human HNRNPK. |
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat |
| **Form** | Liquid |
| **Purification** | Affinity purification |
| **Isotype** | IgG |
| **Recommend Usage** | Immunoprecipitation (1:50)<br>Immunocytochemistry (1:50-200)<br>Immunofluorescence (1:50-200)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-200)<br>Western Blot (1:5000-10000)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide). |

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| **Storage Instruction** | Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. 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. |

## Applications

- Western Blot (Cell lysate)

  Western Blot (Cell lysate) analysis of Jurkat cell lysate.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation

## Gene Info — HNRNPK

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|---|---|
| **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 |