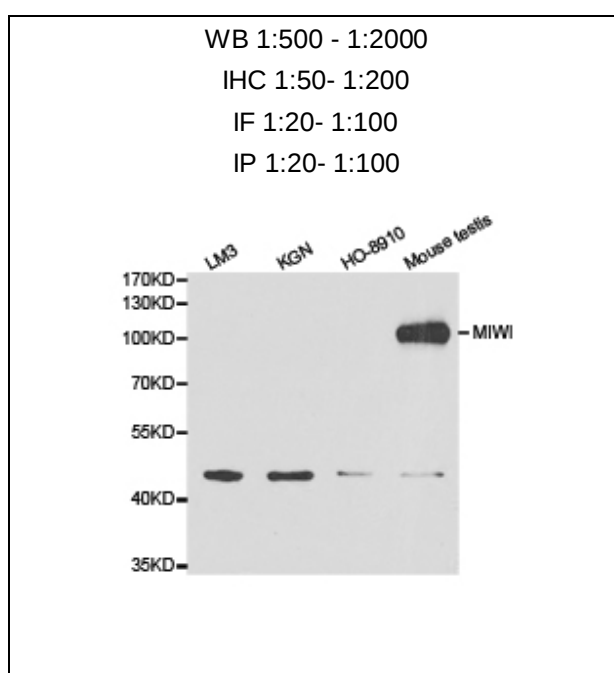




## MIWIPolyclonal Antibody

**E92150**

- Catalog Number:** E92150  
**Amount:** 100ul  
**Background:** The *Drosophila piwi* gene was identified as being required for the self-renewal of germline stem cells (1). Piwi homologs are well conserved among various species including *Arabidopsis*, *C. elegans*, and *Homo sapiens* (1). Both Miwi and Mili proteins are mouse homologs of Piwi and contain a C-terminal Piwi domain (2). Miwi and Mili bind to Piwi-interacting RNAs (piRNAs) in male germ cells and are essential for spermatogenesis in mice (3-5).  
**Species:** Rabbit  
**Isotype:** IgG  
**Storage/Stability:** Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.  
**Synonyms:** Piwi1; Miwi; PIWIL1;  
**Immunogen:** Recombinant protein of mouse MIWI  
**Purification:** Affinity purification  
**Reactivity:** M R  
**Applications:** WB IHCIF IP  
**Molecular Weight:** 99kDa  
**Swiss-Prot No. :** Q9JMB7  
**Gene ID:** 57749  
**References:** 1. Cox, D.N. et al. (1998) *Genes Dev* 12, 3715-27. 2. Kuramochi-Miyagawa, S. et al. (2001) *Mech Dev* 108, 121-33. 3. Aravin, A. et al. (2006) *Nature* 442, 203-7. 4. Grivna, S.T. et al. (2006) *Proc Natl Acad Sci USA* 103, 13415-20. 5. Grivna, S.T. et al. (2006) *Genes Dev* 20, 1709-14.

**For Research Use Only**

Western blot analysis of extracts of various celllines,  
using MIWI antibody.