

**HSF2BP antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI10742****Specification**

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**HSF2BP antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">O75031</a>
Other Accession	<a href="#">NM_007031</a> , <a href="#">NP_008962</a>
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Bovine, Dog
Predicted	Human, Mouse, Rabbit, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38kDa kDa

**HSF2BP antibody - N-terminal region - Additional Information****Gene ID** 11077**Other Names**

Heat shock factor 2-binding protein, HSF2BP

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-HSF2BP antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

HSF2BP antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**HSF2BP antibody - N-terminal region - Protein Information****Name** HSF2BP ([HGNC:5226](#))**Function**

Meiotic recombination factor component of recombination bridges involved in meiotic double-strand break repair. Modulates the localization of recombinases DMC1:RAD51 to meiotic double-strand break (DSB) sites through the interaction with BRCA2 and its recruitment during meiotic recombination (By similarity) (PubMed:<a href="http://www.uniprot.org/citations/31242413" target="\_blank">31242413</a>).

Indispensable for the DSB repair, homologous synapsis, and crossover formation that are needed for progression past metaphase I, is essential for spermatogenesis and male fertility (By similarity). Required for proper recombinase recruitment in female meiosis (By similarity). Inhibits BNC1 transcriptional activity during spermatogenesis, probably by sequestering it in the cytoplasm

(By similarity). May be involved in modulating HSF2 activation in testis (PubMed:<a href="http://www.uniprot.org/citations/9651507" target="\_blank">9651507</a>).

#### **Cellular Location**

Cytoplasm {ECO:0000250|UniProtKB:Q9D4G2}. Chromosome. Note=Localizes on double- strand breaks (DSBs) in mitotic and meiotic chromosomes

#### **Tissue Location**

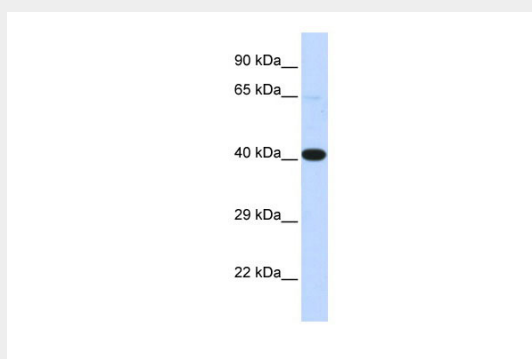
Testis specific. Overexpressed in some tumors (PubMed:31242413).

### **HSF2BP antibody - N-terminal region - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **HSF2BP antibody - N-terminal region - Images**



WB Suggested Anti-HSF2BP Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:1562500

Positive Control: Human Lung

### **HSF2BP antibody - N-terminal region - References**

Hu,Y.H., (er) BMC Genomics 7, 155 (2006)Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.