

HSF2BP antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10741**Specification**

HSF2BP antibody - N-terminal region - Product Information

Application	IHC, WB
Primary Accession	O75031
Other Accession	NM_007031 , NP_008962
Reactivity	Human, Mouse, Rat, Horse, Bovine, Dog
Predicted	Mouse, Rat, Horse, Bovine
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 100 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:31242413).

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:9651507).

Cellular Location

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

Tissue Location

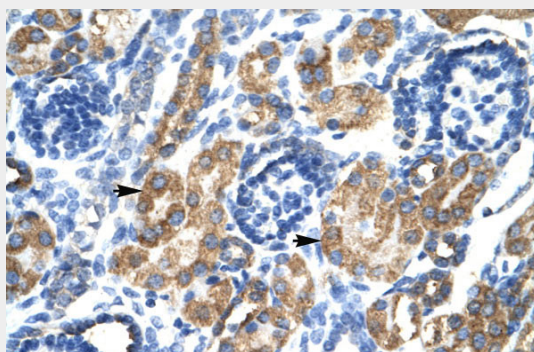
Testis specific. Overexpressed in some tumors (PubMed:31242413).

HSF2BP antibody - N-terminal region - Protocols

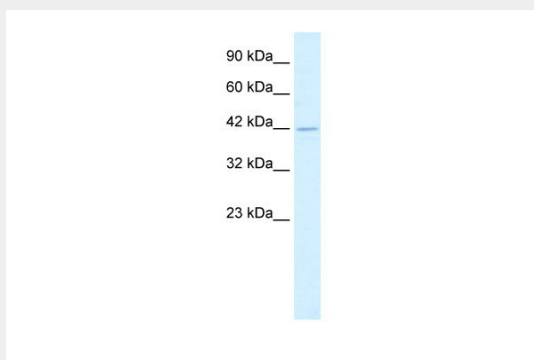
Provided below are standard protocols that you may find useful for product applications.

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

HSF2BP antibody - N-terminal region - Images



Human kidney



90 kDa__
60 kDa__
42 kDa__
32 kDa__
23 kDa__

WB Suggested Anti-HSF2BP Antibody Titration: 1.25µg/ml

ELISA Titer: 1:312500

Positive Control: Jurkat cell lysate

HSF2BP antibody - N-terminal region - References

Yoshima, T., et al., (1998) Gene 214 (1-2), 139-146
Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.