



[Go to Product page](#)

Datasheet for ABIN6979247

## anti-HSPBP1 antibody (AA 51-150) (Alexa Fluor 594)

### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | HSPBP1  |
| Binding Specificity: | AA 51-150   |
| Reactivity:          | Rat   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This HSPBP1 antibody is conjugated to Alexa Fluor 594   |
| Application:         | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | KLH conjugated synthetic peptide derived from human HspBP1 |
| Isotype:              | IgG  |
| Cross-Reactivity:     | Rat  |
| Predicted Reactivity: | Human,Mouse,Dog,Cow,Sheep,Pig,Horse,Rabbit                 |
| Purification:         | Purified by Protein A.                                     |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | HSPBP1                                     |
| Alternative Name: | HspBP1 ( <a href="#">HSPBP1 Products</a> ) |

## Target Details

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**Background:** Synonyms: 1500019G21Rik, FES1, Heat shock protein 70 binding protein, Heat shock protein 70 interacting protein, Heat shock protein binding protein 1, Heat shock protein-binding protein 1, Heat-shock 70-KD protein-binding protein 1, HPBP1\_HUMAN, Hsp 70 binding protein, Hsp 70 interacting protein, Hsp70 binding protein 1, Hsp70 binding protein 2, Hsp70 interacting protein 1, Hsp70 interacting protein 2, Hsp70-binding protein 1, Hsp70-binding protein 2, Hsp70-interacting protein 1, Hsp70-interacting protein 2, HSPA (heat shock 70 kDa) binding protein, cytoplasmic cochaperone 1, HSPA-binding protein 1, HSPBP, HspBP1, HspBP2, PP1845.  
Background: Inhibits HSPA1A chaperone activity by changing the conformation of the ATP-binding domain of HSPA1A and interfering with ATP binding. Interferes with ubiquitination mediated by STUB1 and inhibits chaperone-assisted degradation of immature CFTR.

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**Gene ID:** 23640

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**UniProt:** [Q9NZL4](#)

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## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months

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